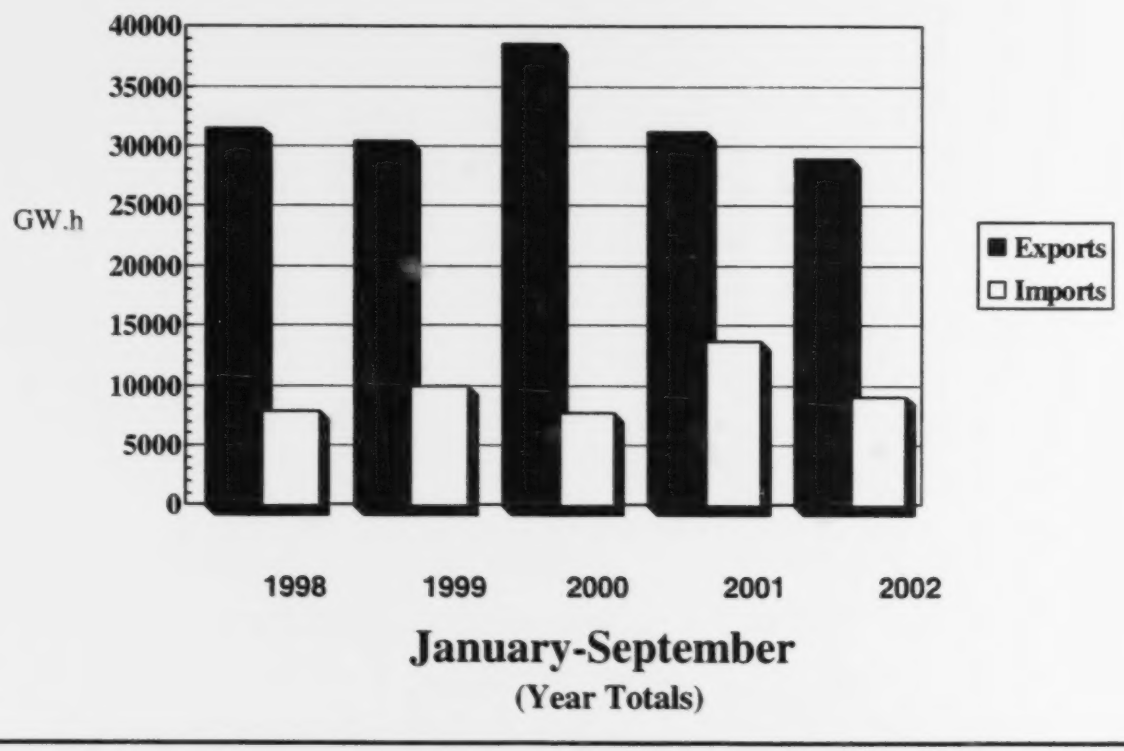
National Energy Board | Office national de l'énergie

# Electricity Exports and Imports

## Monthly Statistics for

## September 2002

Exports: **2720** GW.h
Imports: **906** GW.h




Canada

103-02699/

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# TABLE 1
# Exports and Imports of Electricity
# Summary: Canada
# SEPTEMBER 2002



| | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|
| **Exports of Electric Energy** | Firm | 699 227 | 6 627 362 | 48 625 880 | 458 806 389 | 52.51 | 52.66 |
| | Interruptible | 2 020 822 | 22 437 236 | 90 619 536 | 978 022 775 | 42.96 | 39.24 |
| | Non-Revenue/Inadvertant | - 170 287 | -1 395 731 | 0 | 0 | 0.00 | 0.00 |
| | Service | 63 926 | 763 188 | 0 | 0 | 0.00 | 0.00 |
| **Total Exports** | | **2 613 688** | **28 432 055** | **139 245 416** | **1 436 829 164** | **47.26** | **44.02** |
| Total Sales - Firm and Interruptible | | 2 720 049 | 29 064 599 | 139 245 416 | 1 436 829 164 | 45.41 | 42.49 |
| **Imports of Electric Energy** | Non-Revenue/Inadvertant | - 144 603 | 226 822 | 0 | 0 | 0.00 | 0.00 |
| | Purchase | 906 361 | 9 219 864 | 47 992 015 | 285 751 957 | 52.95 | 31.22 |
| | Service | 63 926 | 649 748 | 8 216 | 51 866 | 0.13 | 0.12 |
| **Total Imports** | | **825 684** | **10 096 433** | **48 000 231** | **285 803 823** | **58.13** | **29.97** |
| **Excess of Exports Over Imports** | | **1 788 004** | **18 335 622** | **91 245 185** | **1 151 025 341** | | |

**Number of Export Licences:** 9

**Number of Export Permits/Orders:** 158

167

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Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A

## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Enmax Marketing | Permit 169 | I | 2 243 | 13 785 | 68 698 | 420 210 | 30.63 | 30.52 |
| IDACORP Ener LP | Permit 164 | F | 0 | 2 022 | 0 | 53 863 | 0.00 | 26.64 |
| TransAlta Ener | Permit 168 | F | 440 | 22 816 | 11 884 | 625 622 | 27.01 | 27.42 |
| TransAlta Ener. | | F | 0 | 6 872 | 0 | 276 967 | 0.00 | 25.61 |
| TransCanada | Permit 78 | I | 150 | 2 216 | 4 727 | 65 965 | 31 51 | 31.85 |
| **Subtotal Firm and Interruptible Exports: Alberta** | | | **2 833** | **47 711** | **85 309** | **1 442 627** | **30.11** | **28.07** |
| **British Columbia** | | | | | | | | |
| Aquila Canada | Permit 114 | I | 0 | 17 | 0 | 491 | 0.00 | 34.60 |
| BC Hydro | Permit 105 | F | 0 | 826 | 29 056 | 176 517 | 0.00 | 174.66 |
| | Permit 127 | N | - 306 941 | -3 269 084 | 0 | 0 | 0.00 | 0.00 |
| | | S | 53 683 | 593 790 | 0 | 0 | 0.00 | 0.00 |
| | Permit 192 | N | 77 768 | 674 323 | 0 | 0 | 0.00 | 0.00 |
| | Treaty | N | 10 098 | 189 481 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | Permit 118 | I | 948 755 | 4 867 402 | 36 973 729 | 162 806 348 | 38.97 | 35.83 |

Footnotes:
1. Includes capacity and energy charges.
2 Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Powerex Corp. | Permit 118 | S | 0 | 491 | 0 | 0 | 0.00 | 0.00 |
| Teck Cominco | Permit 132 | F | 35 142 | 530 614 | 1 303 449 | 18 351 925 | 37.09 | 34.59 |
| **Subtotal Firm and Interruptible Exports: British Columbia** | | | **983 897** | **5 398 859** | **38 306 234** | **181 335 281** | **38.93** | **35.76** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | Licence 170 | F | 266 150 | 2 482 950 | 13 523 764 | 136 950 396 | 50.81 | 54.87 |
| | Permit 33 | F | 5 300 | 53 955 | 239 773 | 1 892 066 | 45.24 | 33.18 |
| | Permit 34 | F | 7 025 | 46 340 | 315 951 | 2 055 557 | 44.98 | 44.07 |
| | Permit 35 | F | 42 960 | 100 127 | 1 456 345 | 3 268 914 | 33.90 | 33.60 |
| | Permit 45 | F | 19 200 | 183 040 | 1 564 467 | 14 809 137 | 81.48 | 80.69 |
| | Permit 46 | I | 303 942 | 2 386 329 | 11 197 090 | 103 994 328 | 36.84 | 41.83 |
| | | N | -46 285 | - 423 486 | 0 | 0 | 0.00 | 0.00 |
| | Permit 68 | F | 17 771 | 129 757 | 683 526 | 5 884 311 | 38.46 | 44.96 |
| | Permit 128 | F | 311 | 4 535 | 20 575 | 243 079 | 66.21 | 53.94 |
| | Permit 144 | F | 17 892 | 164 305 | 1 711 310 | 14 422 724 | 95.65 | 82.61 |
| | Permit 155 | F | 20 070 | 196 096 | 1 481 237 | 13 988 133 | 73.80 | 69.14 |
| | Permit 207 | F | 33 324 | 142 726 | 2 755 815 | 11 194 817 | 82.70 | 78.44 |
| Powerex Corp. | Permit 116 | I | 0 | 75 | 0 | 1 079 | 0.00 | 14.39 |
| **Subtotal Firm and Interruptible Exports: Manitoba** | | | **733 945** | **5 890 235** | **34 949 854** | **308 704 539** | **47.62** | **51.16** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **New Brunswick** | | | | | | | | |
| Fraser Inc. | Permit 147 | F | 32 370 | 246 345 | 2 067 432 | 16 635 314 | 63.87 | 67.40 |
| NB Power | Permit 17 | S | 0 | 10 909 | 0 | 0 | 0.00 | 0.00 |
| | Permit 28 | F | 0 | 23 | 0 | 3 118 | 0.00 | 123.64 |
| | Permit 47 | F | 6 391 | 59 578 | 399 054 | 4 148 284 | 62.44 | 75.13 |
| | | N | 0 | 451 | 0 | 0 | 0.00 | 0.00 |
| | Permit 90 | F | 40 891 | 234 077 | 2 619 881 | 15 659 997 | 64.07 | 70.16 |
| | | N | 0 | 2 732 | 0 | 0 | 0.00 | 0.00 |
| | Permit 91 | I | 134 192 | 1 206 846 | 9 937 670 | 75 103 867 | 72.29 | 55.66 |
| | | N | 0 | -12 597 | 0 | 0 | 0.00 | 0.00 |
| | Permit 148 | I | 47 363 | 78 655 | 3 667 817 | 5 675 781 | 77.44 | 72.16 |
| WPS Power Dev. | Licence 177 | F | 85 | 62 401 | 1 084 | 793 738 | 12.72 | 12.72 |
| **Subtotal Firm and Interruptible Exports: New Brunswick** | | | **261 292** | **1 887 925** | **18 692 938** | **118 020 100** | **70.63** | **58.80** |
| **Nova Scotia** | | | | | | | | |
| NS Power Inc. | Permit 122 | I | 1 183 | 27 210 | 43 627 | 1 121 614 | 36.88 | 41.22 |
| **Subtotal Firm and Interruptible Exports: Nova Scotia** | | | **1 183** | **27 210** | **43 627** | **1 121 614** | **36.88** | **41.22** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Ontario** | | | | | | | | |
| Aquila Canada | Permit 115 | F | 0 | 2 072 | 0 | 56 544 | 0.00 | 27.29 |
| Cdn. Niagara | Permit 84 | F | 0 | 114 375 | 0 | 4 299 093 | 0.00 | 37.86 |
| Conectiv Energy | Permit 212 | I | 1 293 | 2 460 | -35 388 | 49 159 | -27.37 | 19.98 |
| Coral Energy | Permit 174 | F | 0 | 13 263 | 0 | 6 012 769 | 0.00 | 453.35 |
| D&W Subway | Permit 26 | F | 191 | 1 469 | 0 | 0 | 0.00 | 0.00 |
| EPCOR Merchant | Permit 187 | F | 0 | 270 | 0 | 15 309 | 0.00 | 56.70 |
| Hydro One Net | Permit 25 | F | 0 | 22 | 0 | 2 851 | 0.00 | 90.22 |
| Ind Elc Mark Op | Permit 22 | N | 95 073 | 1 442 449 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | Permit 142 | I | 0 | 7 558 | 0 | 347 124 | 0.00 | 45.93 |
| Ont Power Gen | Permit 24 | F | 13 | 215 | 26 | 430 | 2.00 | 2.00 |
| OPGI/OHIM | Permit 21 | I | 42 414 | 1 831 428 | 1 881 174 | 69 700 903 | 44.15 | 36.90 |
| | | S | 10 243 | 58 548 | 0 | 0 | 0.00 | 0.00 |
| PG&E Ener. Trad | Permit 146 | F | 100 | 22 242 | 9 257 | 842 935 | 92.57 | 37.90 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Powerex Corp. | Permit 116 | I | 0 | 875 | 0 | 41 374 | 0.00 | 47.28 |
| **Subtotal Firm and Interruptible Exports: Ontario** | | | **44 011** | **1 996 249** | **1 855 068** | **81 368 492** | **41.95** | **39.01** |
| **Quebec** | | | | | | | | |
| Brascan | Permit 112 | F | 1 551 | 84 311 | 76 499 | 6 579 239 | 49.32 | 78.04 |
| Énergie Maclare | | F | 0 | 163 358 | 0 | 8 735 436 | 0.00 | 45.70 |
| Hydro-Quebec | Licence 180 | F | 84 663 | 846 086 | 9 316 719 | 86 911 797 | 42.34 | 41.99 |
| | Licence 181 | F | 15 826 | 159 995 | 1 588 577 | 15 783 568 | 42.34 | 42.25 |
| | Licence 182 | F | 13 249 | 128 429 | 1 387 614 | 12 840 959 | 42.34 | 42.22 |
| | Licence 183 | F | 22 741 | 231 261 | 2 500 340 | 23 555 857 | 42.34 | 42.18 |
| | Licence 184 | F | 15 287 | 148 001 | 1 698 507 | 15 682 257 | 42.34 | 42.22 |
| | Permit 20 | F | 284 | 988 | 20 688 | 70 192 | 72.97 | 71.07 |
| | Permit 64 | I | 434 885 | 11 083 198 | 20 580 963 | 507 015 196 | 40.17 | 37.45 |
| | | S | 0 | 99 450 | 0 | 0 | 0.00 | 0.00 |
| | Permit 65 | F | 0 | 0 | 1 843 050 | 12 878 031 | 0.00 | 0.00 |
| MEHQ | Permit 129 | I | 58 583 | 548 877 | 3 750 681 | 31 609 832 | 64.02 | 57.62 |
| **Subtotal Firm and Interruptible Exports: Quebec** | | | **647 069** | **13 394 504** | **42 763 638** | **721 662 363** | **42.87** | **39.32** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Saskatchewan** | | | | | | | | |
| Northpoint | Permit 88 | I | 45 819 | 380 235 | 2 548 748 | 20 067 716 | 45.81 | 46.86 |
| | Permit 89 | F | 0 | 41 600 | 0 | 3 104 644 | 0.00 | 0.00 |
| Powerex Corp. | Permit 116 | I | 0 | 70 | 0 | 1 788 | 0.00 | 25.54 |
| **Subtotal Firm and Interruptible Exports: Saskatchewan** | | | **45 819** | **421 905** | **2 548 748** | **23 174 148** | **45.81** | **42.24** |
| **Total Firm and Interruptible Exports:** | | | **2 720 049** | **29 064 599** | **139 245 416** | **1 436 829 164** | **45.41** | **42.49** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Aquila Canada | - | P | 0 | 3 919 | 0 | 200 410 | 0.00 | 57.67 |
| Enmax Marketing | | P | 10 659 | 58 121 | 437 737 | 1 788 036 | 41.07 | 32.28 |
| EPCOR Merchant | | P | 4 307 | 16 398 | 117 084 | 357 750 | 27.18 | 21.82 |
| TransAlta Ener | | P | 12 234 | 69 113 | 416 342 | 1 890 663 | 34.03 | 27.36 |
| TransAlta Ener. | | P | 0 | 168 595 | 0 | 4 853 221 | 0.00 | 29.15 |
| TransCanada | | P | 7 040 | 19 499 | 274 592 | 591 218 | 39.00 | 31.27 |
| **Subtotal Purchased Imports: Alberta** | | | **34 240** | **335 645** | **1 245 755** | **9 681 299** | **36.38** | **30.02** |
| **British Columbia** | | | | | | | | |
| BC Hydro | | N | - 290 069 | -2 445 315 | 0 | 0 | 0.00 | 0.00 |
| | | S | 53 683 | 593 790 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | | P | 89 788 | 4 517 838 | 2 623 653 | 100 396 952 | 29.22 | 22.76 |
| Teck Cominco | | P | 25 369 | 229 059 | 910 847 | 6 402 964 | 35.90 | 27.95 |
| UtiliCorp BC | | P | 0 | 40 102 | 0 | 751 000 | 0.00 | 18.73 |
| **Subtotal Purchased Imports: British Columbia** | | | **115 157** | **4 786 999** | **3 534 499** | **107 550 916** | **30.69** | **22.94** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | - | N | 48 971 | - 297 089 | 0 | 0 | 0.00 | 0.00 |
| | | P | 70 677 | 1 353 025 | 1 485 517 | 39 847 806 | 21.02 | 29.76 |
| **Subtotal Purchased Imports: Manitoba** | | | **70 677** | **1 353 025** | **1 485 517** | **39 847 806** | **21.02** | **29.76** |
| **New Brunswick** | | | | | | | | |
| NB Power | | P | 23 | 6 825 | 618 | 351 076 | 26.87 | 44.83 |
| WPS Power Dev. | | P | 190 | 2 255 | 2 410 | 28 683 | 12.72 | 12.72 |
| **Subtotal Purchased Imports: New Brunswick** | | | **213** | **9 080** | **3 028** | **379 760** | **14.25** | **39.29** |
| **Ontario** | | | | | | | | |
| Aquila Canada | | P | 0 | 25 | 0 | 870 | 0.00 | 34.80 |
| D&W Subway | | P | 49 | 1 148 | 0 | 0 | 0.00 | 0.00 |
| Dynegy | | P | 16 724 | 29 474 | 2 045 714 | 2 863 930 | 122.32 | 97.17 |
| EPCOR Merchant | | P | 283 | 494 | 69 471 | 123 639 | 245.48 | 250.28 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$) [1] SEP02 | Revenue (CAN$) [1] JAN02 - SEP02 | CAN$/MW.h [2] SEP02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Ind Elc Mark Op | - | N | 96 495 | 2 969 226 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | | P | 0 | 14 328 | 0 | 1 305 385 | 0.00 | 91.11 |
| Morgan Stanley | | P | 554 | 554 | 39 241 | 39 241 | 70.83 | 70.83 |
| OPGI/OHIM | | P | 119 620 | 480 733 | 5 494 534 | 29 866 306 | 45.93 | 52.03 |
| | | S | 10 243 | 55 958 | 8 216 | 51 866 | 0.80 | 0.98 |
| PG&E Ener. Trad | | P | 142 067 | 170 893 | 15 037 368 | 19 203 060 | 105.85 | 112.37 |
| Powerex Corp. | | P | 1 341 | 6 954 | 108 546 | 358 949 | 80.94 | 51.62 |
| **Subtotal Purchased Imports: Ontario** | | | **280 638** | **704 603** | **22 794 875** | **53 761 380** | **81.23** | **63.77** |
| **Quebec** | | | | | | | | |
| Hydro-Quebec | | P | 283 292 | 1 233 164 | 12 405 276 | 40 160 032 | 43.79 | 34.00 |
| MEHQ | | P | 40 000 | 165 325 | 4 129 208 | 14 630 166 | 103.23 | 89.44 |
| **Subtotal Purchased Imports: Quebec** | | | **323 292** | **1 398 489** | **16 534 484** | **54 790 198** | **51.14** | **38.71** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | | P | 82 144 | 632 023 | 2 393 858 | 19 740 599 | 29.14 | 31.23 |
| **Subtotal Purchased Imports: Saskatchewan** | | | **82 144** | **632 023** | **2 393 858** | **19 740 599** | **29.14** | **31.23** |
| **Total Purchased Imports:** | | | **906 361** | **9 219 864** | **47 992 015** | **285 751 957** | **52.95** | **31.22** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$)[1] SEP02 | Revenue (CAN$)[1] JAN02 - SEP02 | CAN$/MW.h[2] SEP02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Alaska** | British Columbia | 0 | 826 | 29 056 | 176 517 | ****.** | 174.66 |
| **Subtotal Exports: Alaska** | | **0** | **826** | **29 056** | **176 517** | ****.** | **174.66** |
| **Arizona** | British Columbia | 1 345 | 64 261 | 36 773 | 3 095 177 | 27.34 | 49.20 |
| **Subtotal Exports: Arizona** | | **1 345** | **64 261** | **36 773** | **3 095 177** | **27.34** | **49.20** |
| **California** | British Columbia | 37 656 | 1 839 077 | 549 487 | 69 950 447 | 14.59 | 40.44 |
| **Subtotal Exports: California** | | **37 656** | **1 839 077** | **549 487** | **69 950 447** | **14.59** | **40.44** |
| **Colorado** | British Columbia | 0 | 6 707 | 0 | 308 192 | 0.00 | 46.66 |
| **Subtotal Exports: Colorado** | | **0** | **6 707** | **0** | **308 192** | **0.00** | **46.66** |
| **Idaho** | British Columbia | 0 | 626 | 0 | 28 283 | 0.00 | 45.18 |
| **Subtotal Exports: Idaho** | | **0** | **626** | **0** | **28 283** | **0.00** | **45.18** |
| **Maine** | New Brunswick | 261 292 | 1 887 925 | 18 692 938 | 118 020 100 | 70.63 | 58.80 |
| | Nova Scotia | 1 183 | 27 210 | 43 627 | 1 121 614 | 36.88 | 41.22 |
| | Quebec | 58 583 | 548 877 | 3 750 681 | 31 609 832 | 64.02 | 57.62 |
| **Subtotal Exports: Maine** | | **321 058** | **2 464 012** | **22 487 246** | **150 751 546** | **69.30** | **58.42** |
| **Massachusetts** | Quebec | 683 | 165 138 | 32 437 | 11 267 909 | 47.49 | 53.27 |
| **Subtotal Exports: Massachusetts** | | **683** | **165 138** | **32 437** | **11 267 909** | **47.49** | **53.27** |
| **Michigan** | Ontario | 191 | 5 505 | 0 | 135 215 | 0.00 | 22.53 |
| **Subtotal Exports: Michigan** | | **191** | **5 505** | **0** | **135 215** | **0.00** | **22.53** |
| **Minnesota** | British Columbia | 1 580 | 1 580 | 141 371 | 141 371 | 89.48 | 89.48 |
| | Manitoba | 0 | 75 | 0 | 1 079 | 0.00 | 14.39 |
| | Ontario | 0 | 132 232 | 0 | 5 114 276 | 0.00 | 37.28 |
| **Subtotal Exports: Minnesota** | | **1 580** | **133 887** | **141 371** | **5 256 726** | **89.48** | **37.65** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3A

## Export Sales Summary Report by Destination and Source

| Destination | Source | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$)[1] SEP02 | Revenue (CAN$)[1] JAN02 - SEP02 | CAN$/MW.h[2] SEP02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Montana** | British Columbia | 6 722 | 48 164 | 390 183 | 2 370 673 | 58.05 | 49.22 |
| | Saskatchewan | 0 | 70 | 0 | 1 788 | 0.00 | 25.54 |
| **Subtotal Exports: Montana** | | **6 722** | **48 234** | **390 183** | **2 372 461** | **58.05** | **49.19** |
| **ND/Minn** | Manitoba | 733 945 | 5 890 160 | 34 949 854 | 308 703 460 | 47.62 | 51.16 |
| **Subtotal Exports: ND/Minn** | | **733 945** | **5 890 160** | **34 949 854** | **308 703 460** | **47.62** | **51.16** |
| **Nevada** | British Columbia | 52 293 | 83 666 | 4 558 889 | 7 247 994 | 87.18 | 86.63 |
| **Subtotal Exports: Nevada** | | **52 293** | **83 666** | **4 558 889** | **7 247 994** | **87.18** | **86.63** |
| **New England** | Quebec | 0 | 2 400 | 0 | 2 076 577 | 0.00 | 865.24 |
| **Subtotal Exports: New England** | | **0** | **2 400** | **0** | **2 076 577** | **0.00** | **865.24** |
| **New Mexico** | British Columbia | 0 | 160 | 0 | 7 976 | 0.00 | 49.85 |
| **Subtotal Exports: New Mexico** | | **0** | **160** | **0** | **7 976** | **0.00** | **49.85** |
| **New York** | Ontario | 43 820 | 1 857 787 | 1 855 068 | 76 087 654 | 42.13 | 39.20 |
| | Quebec | 421 966 | 11 062 708 | 21 592 960 | 516 256 533 | 39.43 | 37.33 |
| **Subtotal Exports: New York** | | **465 785** | **12 920 495** | **23 448 028** | **592 344 187** | **39.68** | **37.64** |
| **North Dakota** | British Columbia | 0 | 42 | 0 | 2 486 | 0.00 | 59.67 |
| | Saskatchewan | 45 819 | 421 835 | 2 548 748 | 23 172 360 | 45.81 | 42.24 |
| **Subtotal Exports: North Dakota** | | **45 819** | **421 877** | **2 548 748** | **23 174 847** | **45.81** | **42.24** |
| **Oregon** | Alberta | 0 | 545 | 0 | 16 239 | 0.00 | 32.20 |
| | British Columbia | 374 160 | 854 606 | 16 275 945 | 24 561 888 | 43.50 | 30.50 |
| **Subtotal Exports: Oregon** | | **374 160** | **855 151** | **16 275 945** | **24 578 127** | **43.50** | **30.51** |
| **Pennsylvania** | British Columbia | 0 | 30 | 0 | 573 | 0.00 | 19.09 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$)[1] SEP02 | Revenue (CAN$)[1] JAN02 - SEP02 | CAN$/MW.h[2] SEP02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Pennsylvania** | Ontario | 0 | 350 | 0 | 14 789 | 0.00 | 42.25 |
| **Subtotal Exports: Pennsylvania** | | **0** | **380** | **0** | **15 362** | **0.00** | **40.43** |
| **South Dakota** | British Columbia | 0 | 363 | 0 | 10 646 | 0.00 | 27.72 |
| **Subtotal Exports: South Dakota** | | **0** | **363** | **0** | **10 646** | **0.00** | **27.72** |
| **Utah** | British Columbia | 608 | 8 205 | 42 436 | 552 617 | 69.80 | 67.35 |
| **Subtotal Exports: Utah** | | **608** | **8 205** | **42 436** | **552 617** | **69.80** | **67.35** |
| **Vermont** | Quebec | 165 837 | 1 615 381 | 17 387 560 | 160 451 513 | 44.15 | 42.90 |
| **Subtotal Exports: Vermont** | | **165 837** | **1 615 381** | **17 387 560** | **160 451 513** | **44.15** | **42.90** |
| **Virginia** | Ontario | 0 | 375 | 0 | 16 558 | 0.00 | 44.15 |
| **Subtotal Exports: Virginia** | | **0** | **375** | **0** | **16 558** | **0.00** | **44.15** |
| **Washington** | Alberta | 2 833 | 47 166 | 85 309 | 1 426 388 | 30.11 | 28.01 |
| | British Columbia | 509 533 | 2 471 842 | 16 282 095 | 71 565 502 | 31.95 | 31.55 |
| **Subtotal Exports: Washington** | | **512 366** | **2 519 008** | **16 367 404** | **72 991 890** | **31.94** | **31.47** |
| **Wyoming** | British Columbia | 0 | 18 704 | 0 | 1 314 939 | 0.00 | 70.30 |
| **Subtotal Exports: Wyoming** | | **0** | **18 704** | **0** | **1 314 939** | **0.00** | **70.30** |
| **Total Exports** | | **2 720 049** | **29 064 599** | **139 245 416** | **1 436 829 164** | **45.41** | **42.49** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3B

## Import Purchases Summary Report by Source and Destination

| Source | Destination | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$)[1] SEP02 | Revenue (CAN$)[1] JAN02 - SEP02 | CAN$/MW.h[2] SEP02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Illinois** | Ontario | 11 564 | 12 171 | 1 230 672 | 1 257 921 | 106.42 | 103.35 |
| **Subtotal Imports: Illinois** | | **11 564** | **12 171** | **1 230 672** | **1 257 921** | **106.42** | **103.35** |
| **Indiana** | Ontario | 810 | 810 | 102 751 | 102 751 | 126.85 | 126.85 |
| **Subtotal Imports: Indiana** | | **810** | **810** | **102 751** | **102 751** | **126.85** | **126.85** |
| **Maine** | New Brunswick | 213 | 9 080 | 3 028 | 379 760 | 14.25 | 39.29 |
| | Quebec | 40 000 | 165 325 | 4 129 208 | 14 630 166 | 103.23 | 89.44 |
| **Subtotal Imports: Maine** | | **40 213** | **174 405** | **4 132 236** | **15 009 926** | **102.76** | **81.09** |
| **Michigan** | Ontario | 111 220 | 409 521 | 5 386 706 | 22 774 374 | 48.43 | 50.40 |
| **Subtotal Imports: Michigan** | | **111 220** | **409 521** | **5 386 706** | **22 774 374** | **48.43** | **50.40** |
| **Minnesota** | Ontario | 0 | 1 432 | 0 | 21 588 | 0.00 | 17.41 |
| **Subtotal Imports: Minnesota** | | **0** | **1 432** | **0** | **21 588** | **0.00** | **17.41** |
| **Missouri** | Ontario | 0 | 136 | 0 | 5 616 | 0.00 | 41.30 |
| **Subtotal Imports: Missouri** | | **0** | **136** | **0** | **5 616** | **0.00** | **41.30** |
| **ND/Minn** | Manitoba | 70 677 | 1 353 025 | 1 485 517 | 39 847 806 | 21.02 | 29.76 |
| **Subtotal Imports: ND/Minn** | | **70 677** | **1 353 025** | **1 485 517** | **39 847 806** | **21.02** | **29.76** |
| **New York** | Ontario | 152 332 | 264 176 | 15 762 099 | 28 612 147 | 103.47 | 100.37 |
| | Quebec | 283 292 | 1 233 164 | 12 405 276 | 40 160 032 | 43.79 | 34.00 |
| **Subtotal Imports: New York** | | **435 624** | **1 497 340** | **28 167 375** | **68 772 179** | **64.66** | **42.71** |
| **North Dakota** | Saskatchewan | 82 144 | 632 023 | 2 393 858 | 19 740 599 | 29.14 | 31.23 |
| **Subtotal Imports: North Dakota** | | **82 144** | **632 023** | **2 393 858** | **19 740 599** | **29.14** | **31.23** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3B

## Import Purchases Summary Report by Source and Destination



| Source | Destination | Energy (MW.h) SEP02 | Energy (MW.h) JAN02 - SEP02 | Revenue (CAN$)[1] SEP02 | Revenue (CAN$)[1] JAN02 - SEP02 | CAN$/MW.h[2] SEP02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Ohio** | Ontario | 542 | 2 123 | 49 853 | 133 453 | 91.98 | 62.86 |
| **Subtotal Imports: Ohio** | | **542** | **2 123** | **49 853** | **133 453** | **91.98** | **62.86** |
| **Oregon** | Alberta | 2 250 | 3 757 | 81 154 | 135 712 | 36.07 | 36.36 |
| | British Columbia | 0 | 3 155 | 0 | 73 500 | 0.00 | 23.30 |
| **Subtotal Imports: Oregon** | | **2 250** | **6 912** | **81 154** | **209 212** | **36.07** | **31.26** |
| **Pennsylvania** | Ontario | 4 170 | 14 234 | 262 793 | 853 530 | 63.02 | 59.96 |
| **Subtotal Imports: Pennsylvania** | | **4 170** | **14 234** | **262 793** | **853 530** | **63.02** | **59.96** |
| **Washington** | Alberta | 31 990 | 331 888 | 1 164 601 | 9 545 587 | 36.41 | 29.95 |
| | British Columbia | 115 157 | 4 783 844 | 3 534 499 | 107 477 416 | 30.69 | 22.94 |
| **Subtotal Imports: Washington** | | **147 147** | **5 115 732** | **4 699 100** | **117 023 002** | **31.93** | **23.44** |
| **Total Imports** | | **906 361** | **9 219 864** | **47 992 015** | **285 751 957** | **52.95** | **31.22** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 4
## Source of Production Report [1]
## Canadian Exports



| | SEP02 | | |
|---|---|---|---|
| Fuel Type | Energy (MW.h) | Revenue (CAN$) [2] | CAN$/MW.h [2] |
| Canadian Coal | 7 728 | 440 729 | 57.03 |
| Hydraulic | 2 232 267 | 91 081 397 | 40.80 |
| Imported Coal | 22 860 | 1 554 023 | 67.98 |
| Imported Oil | 192 119 | 14 128 912 | 73.54 |
| Natural Gas | 478 | 34 969 | 73.16 |
| Other | 170 904 | 6 653 576 | 38.93 |
| **Total** | **2 626 356** | **113 893 606** | **43.37** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | SEP02 Energy (MW.h) | SEP02 Revenue (CAN$) [2] | SEP02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **BC Hydro** | Hydraulic | Permit 105 | 0 | 29 056 | 0.00 |
| | | Permit 192 | 77 768 | 0 | 0.00 |
| | | Treaty 0 | 10 098 | 0 | 0.00 |
| | | **Subtotal** | **87 866** | **29 056** | **0.33** |
| | **Subtotal** | | **87 866** | **29 056** | **0.33** |
| **Brascan** | Hydraulic | Permit 112 | 1 551 | 76 499 | 49.32 |
| | | **Subtotal** | **1 551** | **76 499** | **49.32** |
| | **Subtotal** | | **1 551** | **76 499** | **49.32** |
| **Conectiv Energy** | Other | Permit 212 | 1 293 | -35 388 | -27.37 |
| | | **Subtotal** | **1 293** | **-35 388** | **-27.37** |
| | **Subtotal** | | **1 293** | **-35 388** | **-27.37** |
| **Enmax Marketing** | Canadian Coal | Permit 169 | 2 243 | 68 698 | 30.63 |
| | | **Subtotal** | **2 243** | **68 698** | **30.63** |
| | **Subtotal** | | **2 243** | **68 698** | **30.63** |
| **Hydro-Quebec** | Hydraulic | Licence 180 | 84 663 | 3 584 779 | 42.34 |
| | | Licence 181 | 15 826 | 670 073 | 42.34 |
| | | Licence 182 | 13 249 | 560 986 | 42.34 |
| | | Licence 183 | 22 741 | 962 894 | 42.34 |
| | | Licence 184 | 15 287 | 647 278 | 42.34 |
| | | Permit 20 | 284 | 20 688 | 72.97 |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | SEP02 Energy (MW.h) | SEP02 Revenue (CAN$) [2] | SEP02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Hydro-Quebec** | Hydraulic | Permit 64 | 434 885 | 17 467 908 | 40.17 |
| | | **Subtotal** | **586 935** | **23 914 606** | **40.74** |
| | **Subtotal** | | **586 935** | **23 914 606** | **40.74** |
| **Manitoba Hydro** | Hydraulic | Licence 170 | 266 150 | 13 523 764 | 50.81 |
| | | Permit 33 | 5 300 | 239 773 | 45.24 |
| | | Permit 34 | 7 025 | 315 951 | 44.98 |
| | | Permit 35 | 42 960 | 1 456 345 | 33.90 |
| | | Permit 45 | 19 200 | 1 564 467 | 81.48 |
| | | Permit 46 | 232 114 | 8 550 978 | 36.84 |
| | | Permit 68 | 17 771 | 683 526 | 38.46 |
| | | Permit 144 | 17 892 | 1 711 310 | 95.65 |
| | | Permit 155 | 20 070 | 1 481 237 | 73.80 |
| | | Permit 207 | 33 324 | 2 755 815 | 82.70 |
| | | **Subtotal** | **661 806** | **32 283 167** | **48.78** |
| | Other | Permit 46 | 71 828 | 2 646 112 | 36.84 |
| | | **Subtotal** | **71 828** | **2 646 112** | **36.84** |
| | **Subtotal** | | **733 634** | **34 929 279** | **47.61** |
| **NB Power** | Canadian Coal | Permit 47 | 586 | 36 590 | 62.44 |
| | | Permit 90 | 2 944 | 188 622 | 64.07 |
| | | Permit 91 | 1 352 | 100 123 | 74.06 |
| | | Permit 148 | 603 | 46 697 | 77.44 |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | SEP02 Energy (MW.h) | SEP02 Revenue (CAN$) [2] | SEP02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| | | **Subtotal** | **5 485** | **372 031** | **67.83** |
| **NB Power** | Imported Coal | Permit 47 | 2 789 | 174 145 | 62.44 |
| | | Permit 90 | 11 161 | 715 084 | 64.07 |
| | | Permit 91 | 7 445 | 551 344 | 74.06 |
| | | Permit 148 | 1 465 | 113 450 | 77.44 |
| | | **Subtotal** | **22 860** | **1 554 023** | **67.98** |
| | Imported Oil | Permit 47 | 2 774 | 173 209 | 62.44 |
| | | Permit 90 | 21 896 | 1 402 874 | 64.07 |
| | | Permit 91 | 122 458 | 9 068 702 | 74.06 |
| | | Permit 148 | 44 991 | 3 484 128 | 77.44 |
| | | **Subtotal** | **192 119** | **14 128 912** | **73.54** |
| | Natural Gas | Permit 90 | 43 | 2 755 | 64.07 |
| | | Permit 91 | 435 | 32 214 | 74.06 |
| | | **Subtotal** | **478** | **34 969** | **73.16** |
| | Other | Permit 47 | 242 | 15 110 | 62.44 |
| | | Permit 90 | 4 847 | 310 547 | 64.07 |
| | | Permit 91 | 2 502 | 185 287 | 74.06 |
| | | Permit 148 | 304 | 23 542 | 77.44 |
| | | **Subtotal** | **7 895** | **534 486** | **67.70** |
| | **Subtotal** | | **228 837** | **16 624 422** | **72.65** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | SEP02 Energy (MW.h) | SEP02 Revenue (CAN$) [2] | SEP02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| PG&E Ener. Trad | Other | Permit 146 | 100 | 9 257 | 92.57 |
| | | **Subtotal** | **100** | **9 257** | **92.57** |
| | **Subtotal** | | **100** | **9 257** | **92.57** |
| Powerex Corp. | Hydraulic | Permit 118 | 858 967 | 33 474 620 | 38.97 |
| | | **Subtotal** | **858 967** | **33 474 620** | **38.97** |
| | Other | Permit 118 | 89 788 | 3 499 109 | 38.97 |
| | | **Subtotal** | **89 788** | **3 499 109** | **38.97** |
| | **Subtotal** | | **948 755** | **36 973 729** | **38.97** |
| Teck Cominco | Hydraulic | Permit 132 | 35 142 | 1 303 449 | 37.09 |
| | | **Subtotal** | **35 142** | **1 303 449** | **37.09** |
| | **Subtotal** | | **35 142** | **1 303 449** | **37.09** |
| **Total All Exporters** | | | **2 626 356** | **113 893 606** | **43.37** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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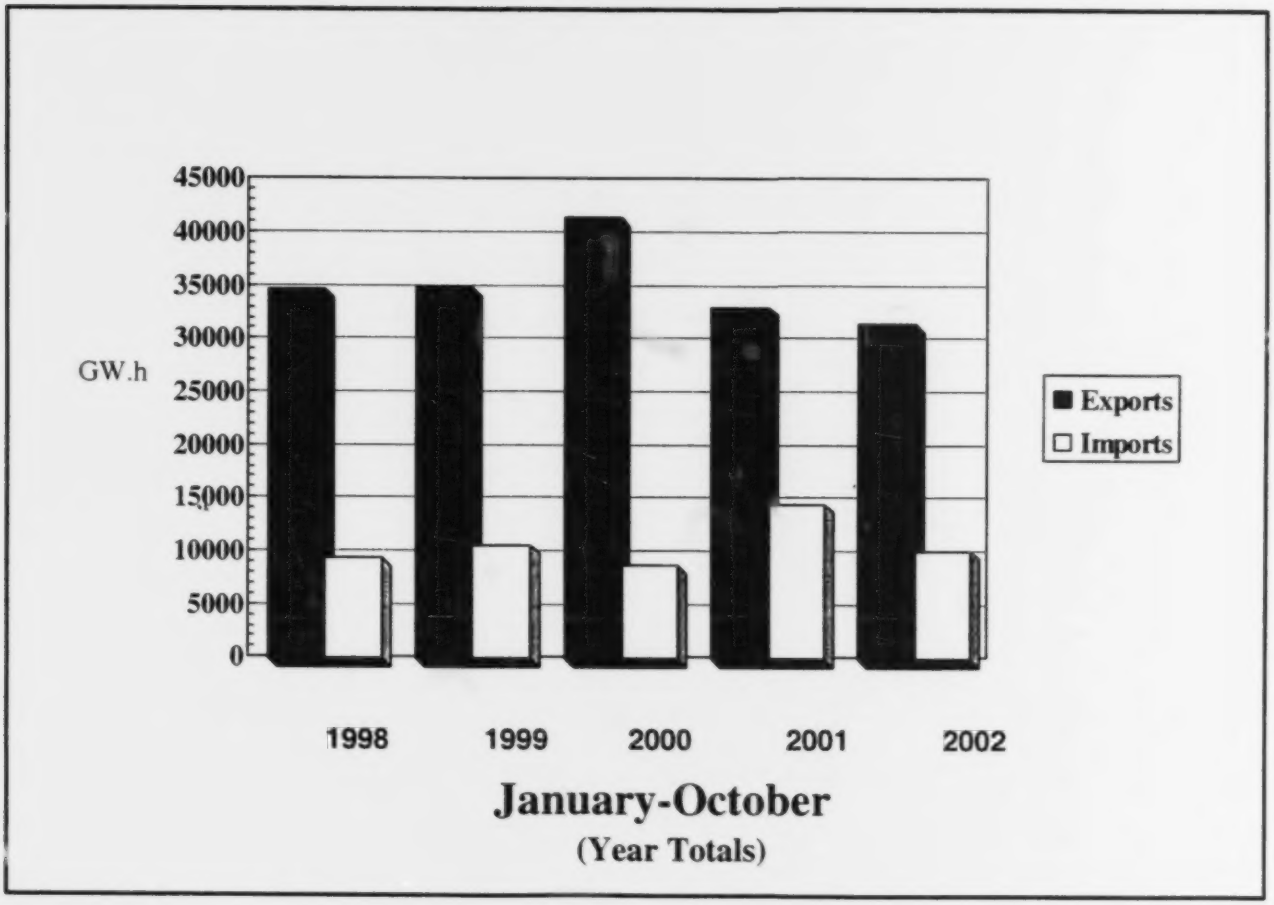
# Electricity Exports and Imports

## Monthly Statistics for

## October 2002

Exports: **2412** GW.h
Imports: **965** GW.h




Canada

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# TABLE 1
## Exports and Imports of Electricity
## Summary: Canada
## OCTOBER 2002



| | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|
| **Exports of Electric Energy** | Firm | 797 953 | 7 425 315 | 52 257 748 | 511 064 136 | 50.55 | 52.53 |
| | Interruptible | 1 613 652 | 24 050 538 | 75 391 388 | 1 053 414 163 | 45.09 | 40.47 |
| | Non-Revenue/Inadvertant | - 258 246 | -1 653 977 | 0 | 0 | 0.00 | 0.00 |
| | Service | 116 362 | 879 550 | 206 225 | 206 225 | 1.77 | 0.23 |
| **Total Exports** | | **2 269 721** | **30 701 426** | **127 855 360** | **1 564 684 524** | **49.92** | **44.96** |
| Total Sales - Firm and Interruptible | | 2 411 605 | 31 475 854 | 127 649 135 | 1 [illegible] 1 478 299 | 46.90 | 43.38 |
| **Imports of Electric Energy** | Non-Revenue/Inadvertant | -94 497 | 132 325 | 0 | 0 | 0.00 | 0.00 |
| | Purchase | 965 229 | 10 191 052 | 41 643 260 | 327 558 128 | 42.68 | 31.77 |
| | Service | 113 623 | 763 371 | 70 919 | 122 785 | 0.62 | 0.19 |
| **Total Imports** | | **984 355** | **11 086 748** | **41 714 179** | **327 680 913** | **41.92** | **30.18** |
| **Excess of Exports Over Imports** | | **1 285 366** | **19 614 679** | **86 141 181** | **1 237 003 611** | | |

**Number of Export Licences:** 9

**Number of Export Permits/Orders:** 158

167

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

***For further information, contact:***

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***Commodities Business Unit Agente***
***National Energy Board***
***(403) 299-3706***

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Enmax Marketing | Permit 169 | I | 9 549 | 23 334 | 345 239 | 765 449 | 36.15 | 32.16 |
| IDACORP Ener LP | Permit 164 | F | 0 | 2 022 | 0 | 53 863 | 0.00 | 26.64 |
| TransAlta Ener | Permit 168 | F | 9 359 | 32 175 | 317 301 | 942 923 | 33.90 | 29.31 |
| TransAlta Ener. | | F | 0 | 6 872 | 0 | 276 967 | 0.00 | 25.32 |
| TransCanada | Permit 78 | I | 1 349 | 3 565 | 55 731 | 121 696 | 41.31 | 32.71 |
| **Subtotal Firm and Interruptible Exports: Alberta** | | | **20 257** | **67 968** | **718 271** | **2 160 898** | **35.46** | **29.39** |
| **British Columbia** | | | | | | | | |
| Aquila Canada | Permit 114 | I | 0 | 17 | 0 | 491 | 0.00 | 34.60 |
| BC Hydro | Permit 105 | F | 114 | 940 | 28 364 | 204 881 | 249.86 | 186.74 |
| | Permit 127 | N | - 327 814 | -3 596 898 | 0 | 0 | 0.00 | 0.00 |
| | | S | 111 609 | 705 399 | 0 | 0 | 0.00 | 0.00 |
| | Permit 192 | N | 71 027 | 745 350 | 0 | 0 | 0.00 | 0.00 |
| | Treaty | N | 14 813 | 204 294 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | Permit 118 | I | 754 426 | 5 621 828 | 27 802 322 | 190 608 670 | 36.85 | 35.88 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Powerex Corp. | Permit 118 | S | 0 | 491 | 0 | 0 | 0.00 | 0.00 |
| Teck Cominco | Permit 132 | F | 76 149 | 606 763 | 3 432 419 | 21 784 344 | 45.08 | 35.90 |
| **Subtotal Firm and Interruptible Exports: British Columbia** | | | **830 689** | **6 229 548** | **31 263 105** | **212 598 385** | **37.64** | **35.91** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | Licence 170 | F | 284 750 | 2 767 700 | 12 927 446 | 149 877 842 | 45.40 | 54.06 |
| | Permit 33 | F | 400 | 54 355 | 18 099 | 1 910 165 | 45.25 | 35.14 |
| | Permit 34 | F | 2 100 | 48 440 | 111 093 | 2 166 650 | 52.90 | 44.73 |
| | Permit 35 | F | 19 250 | 119 377 | 600 209 | 3 869 122 | 31.18 | 33.76 |
| | Permit 45 | F | 22 080 | 205 120 | 1 704 757 | 16 513 894 | 77.21 | 80.31 |
| | Permit 46 | I | 176 312 | 2 562 291 | 6 669 901 | 110 664 229 | 37.83 | 41.90 |
| | | N | -77 296 | - 500 782 | 0 | 0 | 0.00 | 0.00 |
| | Permit 68 | F | 20 633 | 150 390 | 755 588 | 6 639 899 | 36.62 | 44.42 |
| | Permit 128 | F | 485 | 5 020 | 25 466 | 268 545 | 52.55 | 53.55 |
| | Permit 144 | F | 18 400 | 182 705 | 1 797 771 | 16 220 495 | 97.70 | 86.25 |
| | Permit 155 | F | 23 680 | 219 776 | 1 570 481 | 15 558 614 | 66.32 | 69.16 |
| | Permit 207 | F | 36 800 | 179 526 | 2 900 785 | 14 095 602 | 78.83 | 78.52 |
| Powerex Corp. | Permit 116 | I | 0 | 75 | 0 | 1 079 | 0.00 | 14.39 |
| **Subtotal Firm and Interruptible Exports: Manitoba** | | | **604 890** | **6 494 775** | **29 081 598** | **337 786 137** | **48.08** | **51.23** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **New Brunswick** | | | | | | | | |
| Fraser Inc. | Permit 147 | F | 27 075 | 273 420 | 1 867 965 | 18 503 279 | 68.99 | 67.38 |
| NB Power | Permit 17 | S | 0 | 10 909 | 0 | 0 | 0.00 | 0.00 |
| | Permit 28 | F | 0 | 23 | 0 | 3 118 | 0.00 | 123.60 |
| | Permit 47 | F | 6 950 | 66 528 | 436 873 | 4 585 157 | 62.86 | 72.63 |
| | | N | 0 | 451 | 0 | 0 | 0.00 | 0.00 |
| | Permit 90 | F | 44 323 | 253 985 | 2 835 667 | 16 976 010 | 63.98 | 68.37 |
| | | N | 0 | 2 732 | 0 | 0 | 0.00 | 0.00 |
| | Permit 91 | F | 0 | 24 415 | 0 | 1 519 654 | 0.00 | 62.24 |
| | | I | 41 449 | 1 248 295 | 3 367 928 | 78 471 795 | 74.04 | 56.96 |
| | | N | 0 | -12 597 | 0 | 0 | 0.00 | 0.00 |
| | Permit 148 | I | 121 715 | 200 370 | 8 358 577 | 14 034 358 | 68.67 | 70.04 |
| WPS Power Dev. | Licence 177 | F | 1 151 | 63 552 | 14 637 | 808 375 | 12.72 | 12.72 |
| **Subtotal Firm and Interruptible Exports: New Brunswick** | | | **242 663** | **2 130 588** | **16 881 647** | **134 901 747** | **68.34** | **59.90** |
| **Nova Scotia** | | | | | | | | |
| Emera Energy | Permit 216 | I | 1 720 | 1 720 | 112 917 | 112 917 | 65.65 | 65.65 |
| NS Power Inc. | Permit 122 | I | 0 | 27 210 | 0 | 1 121 614 | 0.00 | 41.22 |
| **Subtotal Firm and Interruptible Exports: Nova Scotia** | | | **1 720** | **28 930** | **112 917** | **1 234 531** | **65.65** | **42.67** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Ontario** | | | | | | | | |
| Aquila Canada | Permit 115 | F | 0 | 2 072 | 0 | 56 544 | 0.00 | 27.29 |
| Cdn. Niagara | Permit 84 | F | 0 | 114 375 | 0 | 4 299 093 | 0.00 | 37.34 |
| Conectiv Energy | Permit 212 | I | 15 013 | 17 473 | 588 058 | 637 217 | 39.17 | 36.47 |
| Coral Energy | Permit 174 | F | 3 806 | 17 069 | 188 730 | 6 201 499 | 49.59 | 363.32 |
| D&W Subway | Permit 26 | F | 63 | 1 532 | 0 | 0 | 0.00 | 0.00 |
| EPCOR Merchant | Permit 187 | F | 0 | 270 | 0 | 15 309 | 0.00 | 56.70 |
| Hydro One Net | Permit 25 | F | 0 | 22 | 1 253 | 4 104 | 275.00 | 90.31 |
| Ind Elc Mark Op | Permit 22 | N | 61 024 | 1 503 473 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | Permit 142 | I | 0 | 7 558 | 0 | 347 124 | 0.00 | 45.93 |
| Morgan Stanley | Permit 180 | I | 50 | 50 | 3 929 | 3 929 | 78.58 | 78.58 |
| Ont Power Gen | Permit 24 | F | 16 | 231 | 33 | 463 | 2.00 | 2.00 |
| OPGI/OHIM | Permit 21 | I | 105 313 | 1 936 741 | 4 792 165 | 74 493 068 | 45.25 | 37.09 |
| | | S | 4 753 | 63 301 | 206 225 | 206 225 | 43.39 | 2.42 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| PG&E Ener. Trad | Permit 146 | F | 2 564 | 24 806 | 157 809 | 1 000 744 | 61.55 | 40.34 |
| Powerex Corp. | Permit 116 | I | 0 | 875 | 0 | 41 374 | 0.00 | 47.28 |
| **Subtotal Firm and Interruptible Exports: Ontario** | | | **126 825** | **2 123 074** | **5 731 977** | **87 100 468** | **44.98** | **39.17** |
| **Quebec** | | | | | | | | |
| Brascan | Permit 112 | F | 6 571 | 90 882 | 533 616 | 7 112 855 | 81.21 | 78.26 |
| Énergie Maclare | | F | 0 | 163 358 | 0 | 8 735 436 | 0.00 | 45.63 |
| Hydro-Quebec | Licence 180 | F | 108 578 | 954 664 | 10 342 431 | 97 254 228 | 42.40 | 42.10 |
| | Licence 181 | F | 17 519 | 177 514 | 1 662 368 | 17 445 936 | 42.40 | 42.35 |
| | Licence 182 | F | 16 499 | 144 928 | 1 527 161 | 14 368 119 | 42.40 | 42.32 |
| | Licence 183 | F | 29 974 | 261 235 | 2 810 160 | 26 366 017 | 42.40 | 42.29 |
| | Licence 184 | F | 18 665 | 166 666 | 1 843 875 | 17 526 132 | 42.40 | 42.32 |
| | Permit 20 | F | 0 | 988 | 0 | 70 192 | 0.00 | 71.07 |
| | Permit 64 | I | 291 718 | 11 374 916 | 19 660 133 | 526 675 329 | 59.51 | 39.80 |
| | | S | 0 | 99 450 | 0 | 0 | 0.00 | 0.00 |
| | Permit 65 | F | 0 | 0 | 1 845 389 | 14 723 421 | 0.00 | 0.00 |
| MEHQ | Permit 129 | I | 83 119 | 631 996 | 3 110 886 | 34 720 718 | 37.43 | 54.97 |
| **Subtotal Firm and Interruptible Exports: Quebec** | | | **572 643** | **13 967 147** | **43 336 020** | **764 998 383** | **50.84** | **41.20** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Saskatchewan** | | | | | | | | |
| Northpoint | Permit 88 | I | 11 919 | 392 154 | 523 602 | 20 591 318 | 43.93 | 46.77 |
| | Permit 89 | F | 0 | 41 600 | 0 | 3 104 644 | 0.00 | 0.00 |
| Powerex Corp. | Permit 116 | I | 0 | 70 | 0 | 1 788 | 0.00 | 25.54 |
| **Subtotal Firm and Interruptible Exports: Saskatchewan** | | | **11 919** | **433 824** | **523 602** | **23 697 750** | **43.93** | **42.28** |
| **Total Firm and Interruptible Exports:** | | | **2 411 605** | **31 475 854** | **127 649 135** | **1 564 478 299** | **46.90** | **43.38** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Aquila Canada | - | P | 0 | 3 919 | 0 | 200 410 | 0.00 | 49.95 |
| Enmax Marketing | | P | 5 499 | 63 620 | 260 009 | 2 048 045 | 47.28 | 32.51 |
| EPCOR Merchant | | P | 18 415 | 34 813 | 910 720 | 1 268 470 | 49.46 | 36.44 |
| TransAlta Ener | | P | 6 718 | 75 831 | 280 080 | 2 170 743 | 41.69 | 28.63 |
| TransAlta Ener. | | P | 0 | 168 595 | 0 | 4 853 221 | 0.00 | 28.71 |
| TransCanada | | P | 2 200 | 21 699 | 107 347 | 698 565 | 48.79 | 32.63 |
| **Subtotal Purchased Imports: Alberta** | | | **32 832** | **368 477** | **1 558 155** | **11 239 454** | **47.46** | **30.46** |
| **British Columbia** | | | | | | | | |
| BC Hydro | | N | - 229 171 | -2 674 486 | 0 | 0 | 0.00 | 0.00 |
| | | S | 111 609 | 705 399 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | | P | 121 927 | 4 639 765 | 3 953 969 | 104 350 921 | 32.43 | 22.68 |
| Teck Cominco | | P | 25 553 | 254 612 | 1 086 721 | 7 489 685 | 42.53 | 29.42 |
| UtiliCorp BC | | P | 1 391 | 46 253 | 105 300 | 972 800 | 75.70 | 21.03 |
| **Subtotal Purchased Imports: British Columbia** | | | **148 871** | **4 940 630** | **5 145 990** | **112 813 406** | **34.57** | **22.97** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | - | N | 66 755 | - 230 334 | 0 | 0 | 0.00 | 0.00 |
| | | P | 114 077 | 1 467 102 | 2 395 668 | 42 243 474 | 21.00 | 28.43 |
| **Subtotal Purchased Imports: Manitoba** | | | **114 077** | **1 467 102** | **2 395 668** | **42 243 474** | **21.00** | **28.43** |
| **New Brunswick** | | | | | | | | |
| NB Power | | P | 0 | 6 825 | 0 | 351 076 | 0.00 | 51.44 |
| WPS Power Dev. | | P | 10 | 2 265 | 131 | 28 814 | 12.72 | 12.72 |
| **Subtotal Purchased Imports: New Brunswick** | | | **10** | **9 090** | **131** | **379 891** | **12.72** | **34.95** |
| **Ontario** | | | | | | | | |
| Aquila Canada | | P | 0 | 25 | 0 | 870 | 0.00 | 34.80 |
| Coral Energy | | P | 521 | 521 | 10 509 | 10 509 | 20.17 | 20.17 |
| D&W Subway | | P | 17 | 1 165 | 0 | 0 | 0.00 | 0.00 |
| Dynegy | | P | 57 256 | 86 730 | 3 180 980 | 6 044 910 | 55.56 | 69.70 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| EPCOR Merchant | | P | 145 | 639 | 9 099 | 132 738 | 62.75 | 207.73 |
| Exelon | | P | 2 406 | 3 605 | 90 753 | 137 165 | 37.72 | 38.05 |
| Ind Elc Mark Op | | N | 67 919 | 3 037 145 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | | P | 0 | 14 328 | 0 | 1 305 385 | 0.00 | 91.11 |
| Morgan Stanley | | P | 1 258 | 1 812 | 60 439 | 99 680 | 48.04 | 55.01 |
| OPGI/OHIM | | P | 89 301 | 570 034 | 4 095 054 | 33 961 360 | 45.86 | 53.53 |
| | | S | 2 014 | 57 972 | 70 919 | 122 785 | 35.21 | 1.82 |
| PG&E Ener. Trad | | P | 106 511 | 277 404 | 6 982 747 | 26 185 807 | 65.56 | 94.40 |
| Powerex Corp. | | P | 4 620 | 11 574 | 161 804 | 520 753 | 35.02 | 44.99 |
| **Subtotal Purchased Imports: Ontario** | | | **262 035** | **967 836** | **14 591 386** | **68 399 178** | **55.68** | **64.65** |
| **Quebec** | | | | | | | | |
| Brascan | | P | 128 | 128 | 10 545 | 10 545 | 82.38 | 82.38 |
| Hydro-Quebec | | P | 277 083 | 1 510 247 | 11 458 543 | 51 618 574 | 41.35 | 34.52 |
| MEHQ | | P | 14 640 | 179 965 | 2 604 184 | 17 234 350 | 177.88 | 96.39 |
| **Subtotal Purchased Imports: Quebec** | | | **291 851** | **1 690 340** | **14 073 272** | **68 863 469** | **48.22** | **40.24** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc )

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 2B

## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$) [1] OCT02 | Revenue (CAN$) [1] JAN02 - OCT02 | CAN$/MW.h [2] OCT02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Saskatchewan** | | | | | | | | |
| Northpoint | - | P | 115 553 | 747 576 | 3 878 658 | 23 619 257 | 29.67 | 30.99 |
| **Subtotal Purchased Imports: Saskatchewan** | | | **115 553** | **747 576** | **3 878 658** | **23 619 257** | **29.67** | **30.99** |
| **Total Purchased Imports:** | | | **965 229** | **10 191 052** | **41 643 260** | **327 558 128** | **42.68** | **31.77** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$)[1] OCT02 | Revenue (CAN$)[1] JAN02 - OCT02 | CAN$/MW.h[2] OCT02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Alaska** | British Columbia | 114 | 940 | 28 364 | 204 881 | 249.86 | 186.74 |
| **Subtotal Exports: Alaska** | | **114** | **940** | **28 364** | **204 881** | **249.86** | **186.74** |
| **Arizona** | British Columbia | 0 | 64 261 | 0 | 3 095 177 | 0.00 | 48.73 |
| **Subtotal Exports: Arizona** | | **0** | **64 261** | **0** | **3 095 177** | **0.00** | **48.73** |
| **California** | British Columbia | 35 000 | 1 874 077 | 1 292 217 | 71 242 664 | 36.92 | 40.13 |
| **Subtotal Exports: California** | | **35 000** | **1 874 077** | **1 292 217** | **71 242 664** | **36.92** | **40.13** |
| **Colorado** | British Columbia | 0 | 6 707 | 0 | 308 192 | 0.00 | 46.01 |
| **Subtotal Exports: Colorado** | | **0** | **6 707** | **0** | **308 192** | **0.00** | **46.01** |
| **Idaho** | British Columbia | 0 | 626 | 0 | 28 283 | 0.00 | 45.18 |
| **Subtotal Exports: Idaho** | | **0** | **626** | **0** | **28 283** | **0.00** | **45.18** |
| **Maine** | New Brunswick | 242 663 | 2 130 588 | 16 881 647 | 134 901 747 | 68.34 | 59.90 |
| | Nova Scotia | 1 720 | 28 930 | 112 917 | 1 234 531 | 65.65 | 42.67 |
| | Quebec | 83 119 | 631 996 | 3 110 886 | 34 720 718 | 37.43 | 54.97 |
| **Subtotal Exports: Maine** | | **327 502** | **2 791 514** | **20 105 450** | **170 856 995** | **60.48** | **58.77** |
| **Massachusetts** | Quebec | 41 | 165 179 | 2 226 | 11 270 135 | 54.29 | 53.62 |
| **Subtotal Exports: Massachusetts** | | **41** | **165 179** | **2 226** | **11 270 135** | **54.29** | **53.62** |
| **Michigan** | Ontario | 63 | 5 568 | 0 | 135 215 | 0.00 | 22.88 |
| **Subtotal Exports: Michigan** | | **63** | **5 568** | **0** | **135 215** | **0.00** | **22.88** |
| **Minnesota** | British Columbia | 0 | 1 580 | 0 | 141 371 | 0.00 | 89.48 |
| | Manitoba | 0 | 75 | 0 | 1 079 | 0.00 | 14.39 |
| | Ontario | 0 | 132 232 | 0 | 5 114 276 | 0.00 | 36.98 |
| **Subtotal Exports: Minnesota** | | **0** | **133 887** | **0** | **5 256 726** | **0.00** | **37.40** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3A
## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$)[1] OCT02 | Revenue (CAN$)[1] JAN02 - OCT02 | CAN$/MW.h[2] OCT02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Montana** | British Columbia | 840 | 49 004 | 45 693 | 2 416 366 | 54.40 | 49.31 |
| | Saskatchewan | 0 | 70 | 0 | 1 788 | 0.00 | 25.54 |
| **Subtotal Exports: Montana** | | **840** | **49 074** | **45 693** | **2 418 154** | **54.40** | **49.28** |
| **ND/Minn** | Manitoba | 604 890 | 6 494 700 | 29 081 598 | 337 785 058 | 48.08 | 51.23 |
| **Subtotal Exports: ND/Minn** | | **604 890** | **6 494 700** | **29 081 598** | **337 785 058** | **48.08** | **51.23** |
| **Nevada** | British Columbia | 892 | 84 558 | 48 945 | 7 296 939 | 54.87 | 86.30 |
| **Subtotal Exports: Nevada** | | **892** | **84 558** | **48 945** | **7 296 939** | **54.87** | **86.30** |
| **New England** | Quebec | 0 | 2 400 | 0 | 2 076 577 | 0.00 | 865.24 |
| **Subtotal Exports: New England** | | **0** | **2 400** | **0** | **2 076 577** | **0.00** | **865.24** |
| **New Mexico** | British Columbia | 1 785 | 1 945 | 99 413 | 107 389 | 55.69 | 55.21 |
| **Subtotal Exports: New Mexico** | | **1 785** | **1 945** | **99 413** | **107 389** | **55.69** | **55.21** |
| **New York** | Ontario | 126 762 | 1 984 549 | 5 731 977 | 81 819 630 | 45.00 | 39.38 |
| | Quebec | 285 467 | 11 348 175 | 21 144 843 | 537 401 376 | 59.55 | 39.69 |
| **Subtotal Exports: New York** | | **412 229** | **13 332 724** | **26 876 819** | **619 221 006** | **55.08** | **39.64** |
| **North Dakota** | British Columbia | 0 | 42 | 0 | 2 486 | 0.00 | 65.45 |
| | Saskatchewan | 11 919 | 433 754 | 523 602 | 23 695 962 | 43.93 | 42.29 |
| **Subtotal Exports: North Dakota** | | **11 919** | **433 796** | **523 602** | **23 698 448** | **43.93** | **42.29** |
| **Oregon** | Alberta | 0 | 545 | 0 | 16 239 | 0.00 | 29.62 |
| | British Columbia | 210 038 | 1 064 644 | 8 436 301 | 32 998 190 | 40.17 | 31.90 |
| **Subtotal Exports: Oregon** | | **210 038** | **1 065 189** | **8 436 301** | **33 014 429** | **40.17** | **31.89** |
| **Pennsylvania** | British Columbia | 0 | 30 | 0 | 573 | 0.00 | 19.09 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$)[1] OCT02 | Revenue (CAN$)[1] JAN02 - OCT02 | CAN$/MW.h[2] OCT02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Pennsylvania** | Ontario | 0 | 350 | 0 | 14 789 | 0.00 | 42.25 |
| **Subtotal Exports: Pennsylvania** | | **0** | **380** | **0** | **15 362** | **0.00** | **40.43** |
| **South Dakota** | British Columbia | 0 | 363 | 0 | 10 646 | 0.00 | 29.25 |
| **Subtotal Exports: South Dakota** | | **0** | **363** | **0** | **10 646** | **0.00** | **29.25** |
| **Utah** | British Columbia | 280 | 8 485 | 16 504 | 569 120 | 58.94 | 67.07 |
| **Subtotal Exports: Utah** | | **280** | **8 485** | **16 504** | **569 120** | **58.94** | **67.07** |
| **Vermont** | Quebec | 204 016 | 1 819 397 | 19 078 066 | 179 529 578 | 44.11 | 43.13 |
| **Subtotal Exports: Vermont** | | **204 016** | **1 819 397** | **19 078 066** | **179 529 578** | **44.11** | **43.13** |
| **Virginia** | Ontario | 0 | 375 | 0 | 16 558 | 0.00 | 44.15 |
| **Subtotal Exports: Virginia** | | **0** | **375** | **0** | **16 558** | **0.00** | **44.15** |
| **Washington** | Alberta | 20 257 | 67 423 | 718 271 | 2 144 659 | 35.46 | 29.39 |
| | British Columbia | 580 520 | 3 052 362 | 21 208 297 | 92 773 799 | 36.53 | 32.46 |
| **Subtotal Exports: Washington** | | **600 777** | **3 119 785** | **21 926 568** | **94 918 458** | **36.50** | **32.38** |
| **Wyoming** | British Columbia | 1 220 | 19 924 | 87 371 | 1 402 310 | 71.62 | 70.38 |
| **Subtotal Exports: Wyoming** | | **1 220** | **19 924** | **87 371** | **1 402 310** | **71.62** | **70.38** |
| **Total Exports** | | **2 411 605** | **31 475 854** | **127 649 135** | **1 564 478 299** | **46.90** | **43.38** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3B

## Import Purchases Summary Report by Source and Destination

| Source | Destination | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$)[1] OCT02 | Revenue (CAN$)[1] JAN02 - OCT02 | CAN$/MW.h[2] OCT02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Illinois | Ontario | 58 692 | 72 062 | 3 120 664 | 4 424 997 | 53.17 | 61.41 |
| **Subtotal Imports: Illinois** | | **58 692** | **72 062** | **3 120 664** | **4 424 997** | **53.17** | **61.41** |
| Indiana | Ontario | 0 | 810 | 0 | 102 751 | 0.00 | 126.85 |
| **Subtotal Imports: Indiana** | | **0** | **810** | **0** | **102 751** | **0.00** | **126.85** |
| Maine | New Brunswick | 10 | 9 090 | 131 | 379 891 | 12.72 | 34.95 |
| | Quebec | 14 640 | 179 965 | 2 604 184 | 17 234 350 | 177.88 | 96.39 |
| **Subtotal Imports: Maine** | | **14 650** | **189 055** | **2 604 315** | **17 614 241** | **177.77** | **92.58** |
| Michigan | Ontario | 73 406 | 482 927 | 3 252 847 | 26 027 220 | 44.31 | 51.74 |
| **Subtotal Imports: Michigan** | | **73 406** | **482 927** | **3 252 847** | **26 027 220** | **44.31** | **51.74** |
| Minnesota | Ontario | 3 028 | 4 460 | 184 389 | 205 977 | 60.89 | 27.75 |
| **Subtotal Imports: Minnesota** | | **3 028** | **4 460** | **184 389** | **205 977** | **60.89** | **27.75** |
| Missouri | Ontario | 0 | 136 | 0 | 5 616 | 0.00 | 41.30 |
| **Subtotal Imports: Missouri** | | **0** | **136** | **0** | **5 616** | **0.00** | **41.30** |
| ND/Minn | Manitoba | 114 077 | 1 467 102 | 2 395 668 | 42 243 474 | 21.00 | 28.43 |
| **Subtotal Imports: ND/Minn** | | **114 077** | **1 467 102** | **2 395 668** | **42 243 474** | **21.00** | **28.43** |
| New York | Ontario | 106 381 | 370 557 | 6 971 923 | 35 584 070 | 65.54 | 90.70 |
| | Quebec | 277 211 | 1 510 375 | 11 469 088 | 51 629 119 | 41.37 | 34.53 |
| **Subtotal Imports: New York** | | **383 592** | **1 880 932** | **18 441 010** | **87 213 189** | **48.07** | **44.37** |
| North Dakota | Saskatchewan | 115 553 | 747 576 | 3 878 658 | 23 619 257 | 29.67 | 30.99 |
| **Subtotal Imports: North Dakota** | | **115 553** | **747 576** | **3 878 658** | **23 619 257** | **29.67** | **30.99** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3B

## Import Purchases Summary Report by Source and Destination



| Source | Destination | Energy (MW.h) OCT02 | Energy (MW.h) JAN02 - OCT02 | Revenue (CAN$)[1] OCT02 | Revenue (CAN$)[1] JAN02 - OCT02 | CAN$/MW.h[2] OCT02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Ohio** | Ontario | 524 | 2 647 | 33 676 | 167 129 | 64.27 | 63.14 |
| **Subtotal Imports: Ohio** | | **524** | **2 647** | **33 676** | **167 129** | **64.27** | **63.14** |
| **Oregon** | Alberta | 400 | 4 157 | 18 934 | 154 646 | 47.34 | 37.08 |
| | British Columbia | 0 | 3 205 | 0 | 74 700 | 0.00 | 23.31 |
| **Subtotal Imports: Oregon** | | **400** | **7 362** | **18 934** | **229 346** | **47.34** | **31.30** |
| **Pennsylvania** | Ontario | 20 004 | 34 238 | 1 027 888 | 1 881 418 | 51.38 | 54.95 |
| **Subtotal Imports: Pennsylvania** | | **20 004** | **34 238** | **1 027 888** | **1 881 418** | **51.38** | **54.95** |
| **Washington** | Alberta | 32 432 | 364 320 | 1 539 221 | 11 084 808 | 47.46 | 30.40 |
| | British Columbia | 148 871 | 4 937 425 | 5 145 990 | 112 738 706 | 34.57 | 22.97 |
| **Subtotal Imports: Washington** | | **181 303** | **5 301 745** | **6 685 211** | **123 823 514** | **36.87** | **23.51** |
| **Total Imports** | | **965 229** | **10 191 052** | **41 643 260** | **327 558 128** | **42.68** | **31.77** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 4
## Source of Production Report [1]
## Canadian Exports

| | OCT02 | | |
|---|---|---|---|
| Fuel Type | Energy (MW.h) | Revenue (CAN$) [2] | CAN$/MW.h [2] |
| Canadian Coal | 10 718 | 423 381 | 39.50 |
| Hydraulic | 1 774 214 | 75 675 872 | 42.65 |
| Imported Coal | 1 540 | 104 180 | 67.65 |
| Imported Oil | 73 809 | 5 398 791 | 73.15 |
| Natural Gas | 128 282 | 8 778 992 | 68.44 |
| Other | 267 264 | 12 219 159 | 45.72 |
| **Total** | **2 255 827** | **102 600 376** | **45.48** |

Footnotes.
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | OCT02 Energy (MW.h) | OCT02 Revenue (CANS) [2] | OCT02 CANS/MW.h [2] |
|---|---|---|---|---|---|
| **BC Hydro** | Hydraulic | Permit 105 | 114 | 28 364 | 249.86 |
| | | Permit 192 | 71 027 | 0 | 0.00 |
| | | Treaty 0 | 14 813 | 0 | 0.00 |
| | | **Subtotal** | **85 954** | **28 364** | **0.33** |
| | **Subtotal** | | **85 954** | **28 364** | **0.33** |
| **Brascan** | Hydraulic | Permit 112 | 6 571 | 533 617 | 81.21 |
| | | **Subtotal** | **6 571** | **533 617** | **81.21** |
| | **Subtotal** | | **6 571** | **533 617** | **81.21** |
| **Conectiv Energy** | Other | Permit 212 | 15 013 | 588 058 | 39.17 |
| | | **Subtotal** | **15 013** | **588 058** | **39.17** |
| | **Subtotal** | | **15 013** | **588 058** | **39.17** |
| **Coral Energy** | Other | Permit 174 | 3 806 | 188 730 | 49.59 |
| | | **Subtotal** | **3 806** | **188 730** | **49.59** |
| | **Subtotal** | | **3 806** | **188 730** | **49.59** |
| **Enmax Marketing** | Canadian Coal | Permit 169 | 9 549 | 345 239 | 36.15 |
| | | **Subtotal** | **9 549** | **345 239** | **36.15** |
| | **Subtotal** | | **9 549** | **345 239** | **36.15** |
| **Hydro-Quebec** | Hydraulic | Licence 180 | 108 578 | 4 603 217 | 42.40 |
| | | Licence 181 | 17 519 | 742 727 | 42.40 |
| | | Licence 182 | 16 499 | 699 483 | 42.40 |
| | | Licence 183 | 29 974 | 1 270 762 | 42.40 |
| | | Licence 184 | 18 665 | 791 312 | 42.40 |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | OCT02 Energy (MW.h) | OCT02 Revenue (CAN$) [2] | OCT02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Hydro-Quebec** | Hydraulic | Permit 64 | 291 718 | 17 361 141 | 59.51 |
| | | **Subtotal** | **482 953** | **25 468 642** | **52.74** |
| | **Subtotal** | | **482 953** | **25 468 642** | **52.74** |
| **Manitoba Hydro** | Hydraulic | Licence 170 | 188 833 | 8 572 883 | 45.40 |
| | | Permit 33 | 400 | 18 099 | 45.25 |
| | | Permit 34 | 2 100 | 111 093 | 52.90 |
| | | Permit 35 | 19 250 | 600 209 | 31.18 |
| | | Permit 45 | 22 080 | 1 704 757 | 77.21 |
| | | Permit 46 | 176 312 | 6 669 901 | 37.83 |
| | | Permit 68 | 20 633 | 755 588 | 36.62 |
| | | Permit 155 | 23 680 | 1 570 481 | 66.32 |
| | | Permit 207 | 36 800 | 2 900 785 | 78.83 |
| | | **Subtotal** | **490 088** | **22 903 797** | **46.73** |
| | Other | Licence 170 | 95 917 | 4 354 563 | 45.40 |
| | | Permit 144 | 18 400 | 1 797 771 | 97.71 |
| | | **Subtotal** | **114 317** | **6 152 335** | **53.82** |
| | **Subtotal** | | **604 405** | **29 056 132** | **48.07** |
| **NB Power** | Canadian Coal | Permit 47 | 231 | 14 521 | 62.86 |
| | | Permit 90 | 662 | 42 353 | 63.98 |
| | | Permit 91 | 184 | 14 951 | 81.25 |
| | | Permit 148 | 92 | 6 318 | 68.67 |
| | | **Subtotal** | **1 169** | **78 142** | **66.85** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | OCT02 Energy (MW.h) | OCT02 Revenue (CAN$) [2] | OCT02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| NB Power | Imported Coal | Permit 47 | 390 | 24 515 | 62.86 |
| | | Permit 90 | 788 | 50 414 | 63.98 |
| | | Permit 91 | 349 | 28 358 | 81.25 |
| | | Permit 148 | 13 | 893 | 68.67 |
| | | **Subtotal** | **1 540** | **104 180** | **67.65** |
| | Imported Oil | Permit 47 | 4 509 | 283 433 | 62.86 |
| | | Permit 90 | 28 897 | 1 848 753 | 63.98 |
| | | Permit 91 | 39 105 | 3 177 467 | 81.25 |
| | | Permit 148 | 1 298 | 89 138 | 68.67 |
| | | **Subtotal** | **73 809** | **5 398 791** | **73.15** |
| | Natural Gas | Permit 47 | 865 | 54 373 | 62.86 |
| | | Permit 90 | 6 667 | 426 537 | 63.98 |
| | | Permit 91 | 459 | 37 296 | 81.25 |
| | | Permit 148 | 120 291 | 8 260 786 | 68.67 |
| | | **Subtotal** | **128 282** | **8 778 992** | **68.44** |
| | Other | Permit 47 | 955 | 60 031 | 62.86 |
| | | Permit 90 | 7 309 | 467 610 | 63.98 |
| | | Permit 91 | 1 352 | 109 856 | 81.25 |
| | | Permit 148 | 21 | 1 442 | 68.67 |
| | | **Subtotal** | **9 637** | **638 940** | **66.30** |
| | **Subtotal** | | **214 437** | **14 999 045** | **69.95** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | OCT02 Energy (MW.h) | OCT02 Revenue (CAN$) [2] | OCT02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| PG&E Ener. Trad | Other | Permit 146 | 2 564 | 157 809 | 61.55 |
| | | **Subtotal** | **2 564** | **157 809** | **61.55** |
| | **Subtotal** | | **2 564** | **157 809** | **61.55** |
| Powerex Corp. | Hydraulic | Permit 118 | 632 499 | 23 309 033 | 36.85 |
| | | **Subtotal** | **632 499** | **23 309 033** | **36.85** |
| | Other | Permit 118 | 121 927 | 4 493 289 | 36.85 |
| | | **Subtotal** | **121 927** | **4 493 289** | **36.85** |
| | **Subtotal** | | **754 426** | **27 802 322** | **36.85** |
| Teck Cominco | Hydraulic | Permit 132 | 76 149 | 3 432 419 | 45.08 |
| | | **Subtotal** | **76 149** | **3 432 419** | **45.08** |
| | **Subtotal** | | **76 149** | **3 432 419** | **45.08** |
| **Total All Exporters** | | | **2 255 827** | **102 600 376** | **45.48** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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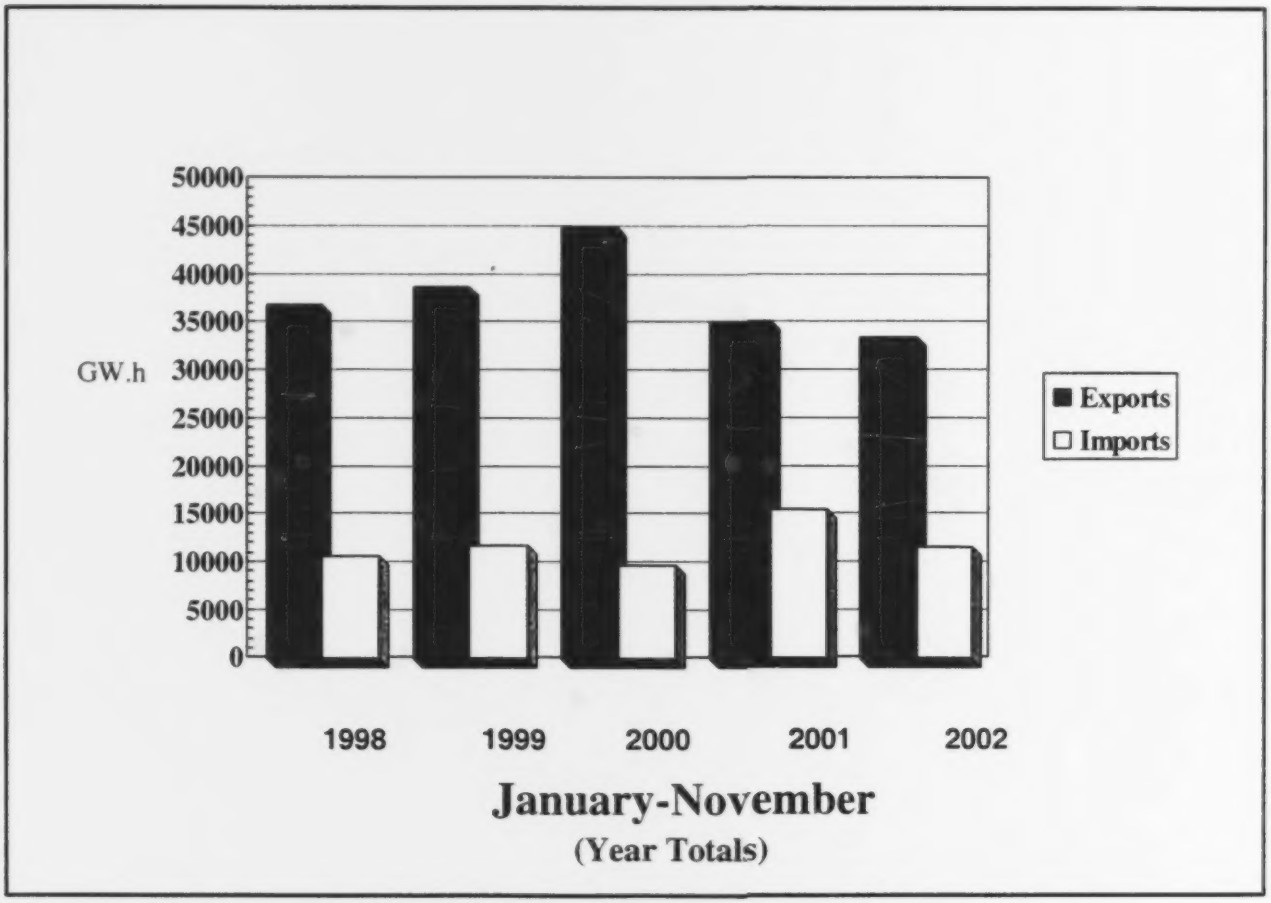
# Electricity Exports and Imports

## Monthly Statistics for

## November 2002

Exports: **1988** GW.h
Imports: **1342** GW.h

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# TABLE 1
# Exports and Imports of Electricity
# Summary: Canada
## NOVEMBER 2002



| | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|
| **Exports of Electric Energy** | Firm | 631 945 | 8 057 274 | 45 001 076 | 556 065 213 | 55.28 | 52.87 |
| | Interruptible | 1 356 436 | 25 406 974 | 67 938 383 | 1 121 352 546 | 49.42 | 41.84 |
| | Non-Revenue/Inadvertant | - 546 240 | -2 201 105 | 0 | 0 | 0.00 | 0.00 |
| | Service | 95 383 | 974 933 | 1 802 421 | 2 008 646 | 18.90 | 2.04 |
| **Total Exports** | | **1 537 524** | **32 238 076** | **114 741 881** | **1 679 426 405** | **67.49** | **46.67** |
| Total Sales - Firm and Interruptible | | 1 988 381 | 33 464 249 | 112 939 459 | 1 677 417 759 | 51.28 | 44.48 |
| **Imports of Electric Energy** | Non-Revenue/Inadvertant | - 220 708 | -87 428 | 0 | 0 | 0.00 | 0.00 |
| | Purchase | 1 341 632 | 11 532 836 | 58 477 573 | 386 046 601 | 43.59 | 33.17 |
| | Service | 95 383 | 858 754 | 102 427 | 225 213 | 1.07 | 0.27 |
| **Total Imports** | | **1 216 306** | **12 304 163** | **58 580 001** | **386 271 814** | **48.16** | **31.59** |
| **Excess of Exports Over Imports** | | **321 218** | **19 933 914** | **56 161 880** | **1 293 154 591** | | |

**Number of Export Licences:** 9

**Number of Export Permits/Orders:** 157

166

***For further information, contact:***

***Mary-Jane Sam***
***Statistical Research Officer,***
***Commodities Business Unit Agente***
***National Energy Board***
***(403) 299-3706***

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Enmax Marketing | Permit 169 | I | 2 898 | 26 232 | 122 444 | 887 893 | 42.25 | 33.33 |
| IDACORP Ener LP | Permit 164 | F | 0 | 2 022 | 0 | 53 863 | 0.00 | 26.64 |
| TransAlta Ener | Permit 168 | F | 3 328 | 35 503 | 133 702 | 1 076 625 | 40.17 | 30.32 |
| TransAlta Ener. | | F | 0 | 6 872 | 0 | 276 967 | 0.00 | 21.55 |
| TransCanada | Permit 78 | I | 2 645 | 6 210 | 121 517 | 243 213 | 45.94 | 35.86 |
| **Subtotal Firm and Interruptible Exports: Alberta** | | | **8 871** | **76 839** | **377 663** | **2 538 561** | **42.57** | **30.18** |
| **British Columbia** | | | | | | | | |
| Aquila Canada | Permit 114 | I | 0 | 17 | 0 | 491 | 0.00 | 34.60 |
| BC Hydro | Permit 105 | F | 0 | 940 | 0 | 204 881 | 0.00 | 205.16 |
| | Permit 127 | N | - 397 529 | -3 994 427 | 0 | 0 | 0.00 | 0.00 |
| | | S | 62 560 | 767 959 | 0 | 0 | 0.00 | 0.00 |
| | Permit 192 | N | 0 | 745 350 | 0 | 0 | 0.00 | 0.00 |
| | Treaty | N | 0 | 204 294 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | Permit 118 | I | 828 146 | 6 449 974 | 35 886 898 | 226 495 567 | 43.33 | 36.36 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Powerex Corp. | Permit 118 | S | 0 | 491 | 0 | 0 | 0.00 | 0.00 |
| Teck Cominco | Permit 132 | F | 54 169 | 660 932 | 2 636 492 | 24 420 836 | 48.67 | 36.95 |
| **Subtotal Firm and Interruptible Exports: British Columbia** | | | **882 315** | **7 111 863** | **38 523 390** | **251 121 775** | **43.66** | **36.43** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | Licence 170 | F | 268 700 | 3 036 400 | 14 298 079 | 164 175 921 | 53.21 | 53.93 |
| | Permit 33 | F | 0 | 54 355 | 0 | 1 910 165 | 0.00 | 35.14 |
| | Permit 34 | F | 0 | 48 440 | 0 | 2 166 650 | 0.00 | 44.73 |
| | Permit 35 | F | 0 | 119 377 | 0 | 3 869 122 | 0.00 | 32.41 |
| | Permit 45 | F | 16 000 | 221 120 | 1 402 598 | 17 916 492 | 86.04 | 80.73 |
| | Permit 46 | I | 72 797 | 2 635 088 | 3 457 734 | 114 121 963 | 47.39 | 42.86 |
| | | N | - 162 483 | - 663 265 | 0 | 0 | 0.00 | 0.00 |
| | Permit 68 | F | 17 446 | 167 836 | 686 495 | 7 326 394 | 39.35 | 43.74 |
| | Permit 128 | F | 503 | 5 522 | 25 971 | 294 516 | 51.68 | 53.09 |
| | Permit 144 | F | 16 880 | 199 585 | 1 671 138 | 17 891 634 | 99.00 | 88.51 |
| | Permit 155 | F | 18 745 | 238 521 | 1 383 874 | 16 942 487 | 73.83 | 70.59 |
| | Permit 207 | F | 33 600 | 213 126 | 2 735 443 | 16 831 044 | 81.41 | 78.97 |
| Powerex Corp. | Permit 116 | I | 0 | 75 | 0 | 1 079 | 0.00 | 14.39 |
| **Subtotal Firm and Interruptible Exports: Manitoba** | | | **444 671** | **6 939 445** | **25 661 332** | **363 447 469** | **57.63** | **52.10** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **New Brunswick** | | | | | | | | |
| Fraser Inc. | Permit 147 | F | 33 135 | 306 555 | 2 199 391 | 20 702 670 | 66.38 | 67.32 |
| NB Power | Permit 17 | S | 0 | 10 909 | 0 | 0 | 0.00 | 0.00 |
| | Permit 28 | F | 0 | 23 | 0 | 3 118 | 0.00 | 132.72 |
| | Permit 47 | F | 7 014 | 73 542 | 431 801 | 5 016 958 | 61.56 | 70.25 |
| | | N | 0 | 451 | 0 | 0 | 0.00 | 0.00 |
| | Permit 90 | F | 23 204 | 277 189 | 1 502 228 | 18 478 238 | 64.74 | 66.93 |
| | | N | 0 | 2 732 | 0 | 0 | 0.00 | 0.00 |
| | Permit 91 | F | 0 | 24 415 | 0 | 1 519 654 | 0.00 | 62.24 |
| | | I | 186 920 | 1 435 215 | 13 082 428 | 91 554 223 | 67.20 | 58.42 |
| | | N | 0 | -12 597 | 0 | 0 | 0.00 | 0.00 |
| | Permit 148 | I | 6 | 200 376 | 340 | 14 034 697 | 56.65 | 70.04 |
| WPS Power Dev. | Licence 177 | F | 4 667 | 68 219 | 59 368 | 867 743 | 12.72 | 12.72 |
| **Subtotal Firm and Interruptible Exports: New Brunswick** | | | **254 946** | **2 385 534** | **17 275 555** | **152 177 302** | **65.72** | **60.49** |
| **Nova Scotia** | | | | | | | | |
| Emera Energy | Permit 216 | I | 0 | 1 720 | 0 | 112 917 | 0.00 | 65.65 |
| NS Power Inc. | Permit 122 | I | 887 | 28 097 | 35 884 | 1 157 498 | 40.46 | 41.20 |
| **Subtotal Firm and Interruptible Exports: Nova Scotia** | | | **887** | **29 817** | **35 884** | **1 270 415** | **40.46** | **42.61** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Ontario** | | | | | | | | |
| Aquila Canada | Permit 115 | F | 0 | 2 072 | 0 | 56 544 | 0.00 | 27.29 |
| Cdn. Niagara | Permit 84 | F | 0 | 114 375 | 0 | 4 299 093 | 0.00 | 37.01 |
| Conectiv Energy | Permit 212 | I | 36 327 | 53 800 | 1 644 867 | 2 282 084 | 45.28 | 42.42 |
| Coral Energy | Permit 174 | F | 704 | 17 773 | 18 318 | 6 219 817 | 26.02 | 349.96 |
| D&W Subway | Permit 26 | F | 96 | 1 628 | 0 | 0 | 0.00 | 0.00 |
| EPCOR Merchant | Permit 187 | F | 0 | 270 | 0 | 15 309 | 0.00 | 56.70 |
| Hydro One Net | Permit 25 | F | 0 | 36 | 0 | 4 104 | 0.00 | 74.16 |
| Ind Elc Mark Op | Permit 22 | N | 13 772 | 1 516 357 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | Permit 142 | I | 0 | 7 558 | 0 | 347 124 | 0.00 | 45.93 |
| Morgan Stanley | Permit 180 | I | 50 | 100 | 1 362 | 5 291 | 27.24 | 52.91 |
| Ont Power Gen | Permit 24 | F | 20 | 251 | 39 | 502 | 2.00 | 2.00 |
| OPGI/OHIM | Permit 21 | I | 75 968 | 2 012 709 | 3 507 719 | 78 000 788 | 45.75 | 37.46 |
| | | S | 32 823 | 96 124 | 1 802 421 | 2 008 646 | 54.91 | 19.37 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| PG&E Ener. Trad | Permit 146 | F | 4 500 | 29 306 | 211 593 | 1 212 337 | 47.02 | 41.37 |
| Powerex Corp. | Permit 116 | I | 0 | 875 | 0 | 41 374 | 0.00 | 47.28 |
| Sempra Corp | Permit 157 | F | 4 689 | 4 689 | 230 408 | 230 408 | 47.54 | 47.54 |
| **Subtotal Firm and Interruptible Exports: Ontario** | | | **122 353** | **2 245 441** | **5 614 307** | **92 714 775** | **45.56** | **39.67** |
| **Quebec** | | | | | | | | |
| Brascan | Permit 112 | F | 3 615 | 94 497 | 233 493 | 7 346 348 | 64.59 | 77.74 |
| Énergie Maclare | | F | 0 | 163 358 | 0 | 8 735 436 | 0.00 | 48.94 |
| Hydro-Quebec | Licence 180 | F | 67 900 | 1 022 564 | 8 582 911 | 105 837 140 | 42.22 | 42.05 |
| | Licence 181 | F | 12 844 | 190 358 | 1 458 231 | 18 904 167 | 42.22 | 42.31 |
| | Licence 182 | F | 11 188 | 156 116 | 1 296 717 | 15 664 836 | 42.22 | 42.27 |
| | Licence 183 | F | 16 054 | 277 289 | 2 211 010 | 28 577 027 | 42.22 | 42.25 |
| | Licence 184 | F | 12 945 | 179 611 | 1 591 777 | 19 117 908 | 42.22 | 42.27 |
| | Permit 20 | F | 0 | 988 | 0 | 70 192 | 0.00 | 71.07 |
| | Permit 64 | I | 45 551 | 11 420 467 | 6 021 403 | 532 696 732 | 124.67 | 42.25 |
| | | S | 0 | 99 450 | 0 | 0 | 0.00 | 0.00 |
| | Permit 65 | F | 0 | 0 | 0 | 14 723 421 | 0.00 | 0.00 |
| MEHQ | Permit 129 | I | 92 391 | 724 387 | 3 429 830 | 38 150 547 | 37.12 | 52.70 |
| **Subtotal Firm and Interruptible Exports: Quebec** | | | **262 488** | **14 229 635** | **24 825 371** | **789 823 754** | **55.04** | **43.18** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Saskatchewan** | | | | | | | | |
| Northpoint | Permit 88 | I | 11 850 | 404 004 | 625 958 | 21 217 276 | 52.82 | 46.95 |
| | Permit 89 | F | 0 | 41 600 | 0 | 3 104 644 | 0.00 | 0.00 |
| Powerex Corp. | Permit 116 | I | 0 | 70 | 0 | 1 788 | 0.00 | 25.54 |
| **Subtotal Firm and Interruptible Exports: Saskatchewan** | | | **11 850** | **445 674** | **625 958** | **24 323 708** | **52.82** | **42.56** |
| **Total Firm and Interruptible Exports:** | | | **1 988 381** | **33 464 249** | **112 939 459** | **1 677 417 759** | **51.28** | **44.48** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Aquila Canada | - | P | 0 | 3 919 | 0 | 200 410 | 0.00 | 49.14 |
| Enmax Marketing | | P | 9 615 | 73 235 | 478 285 | 2 526 330 | 49.74 | 33.60 |
| EPCOR Merchant | | P | 9 503 | 44 316 | 505 988 | 1 774 458 | 53.25 | 40.04 |
| TransAlta Ener | | P | 6 911 | 82 742 | 284 333 | 2 455 076 | 41.14 | 29.67 |
| TransAlta Ener. | | P | 0 | 168 595 | 0 | 4 853 221 | 0.00 | 29.07 |
| TransCanada | | P | 2 610 | 24 309 | 123 033 | 821 598 | 47.14 | 34.14 |
| **Subtotal Purchased Imports: Alberta** | | | **28 639** | **397 116** | **1 391 639** | **12 631 093** | **48.59** | **31.78** |
| **British Columbia** | | | | | | | | |
| Aquila Networks | | P | 535 | 535 | 35 500 | 35 500 | 66.36 | 66.36 |
| BC Hydro | | N | - 394 848 | -3 069 334 | 0 | 0 | 0.00 | 0.00 |
| | | S | 62 560 | 767 959 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | | P | 122 229 | 4 761 994 | 4 190 068 | 108 540 989 | 34.28 | 22.79 |
| Teck Cominco | | P | 769 | 255 381 | 29 839 | 7 519 524 | 38.80 | 29.44 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| UtiliCorp BC | - | P | 0 | 46 253 | 0 | 972 800 | 0.00 | 21.03 |
| **Subtotal Purchased Imports: British Columbia** | | | **123 533** | **5 064 163** | **4 255 407** | **117 068 813** | **34.45** | **23.11** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | | N | 163 569 | -66 765 | 0 | 0 | 0.00 | 0.00 |
| | | P | 326 673 | 1 793 775 | 8 760 990 | 51 004 464 | 26.82 | 27.89 |
| **Subtotal Purchased Imports: Manitoba** | | | **326 673** | **1 793 775** | **8 760 990** | **51 004 464** | **26.82** | **27.89** |
| **New Brunswick** | | | | | | | | |
| NB Power | | P | 15 | 6 840 | 352 | 351 429 | 23.48 | 51.38 |
| WPS Power Dev. | | P | 0 | 2 265 | 0 | 28 814 | 0.00 | 12.72 |
| **Subtotal Purchased Imports: New Brunswick** | | | **15** | **9 105** | **352** | **380 243** | **23.48** | **36.91** |
| **Ontario** | | | | | | | | |
| Aquila Canada | | P | 0 | 25 | 0 | 870 | 0.00 | 34.80 |
| Cargill Canada | | P | 95 218 | 95 371 | 4 689 238 | 4 700 138 | 49.25 | 49.28 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Coral Energy | - | P | 3 527 | 4 048 | 101 473 | 111 982 | 28.77 | 27.66 |
| D&W Subway | | P | 22 | 1 187 | 0 | 0 | 0.00 | 0.00 |
| Dynegy | | P | 8 356 | 95 086 | 514 765 | 6 559 675 | 61.60 | 68.99 |
| EPCOR Merchant | | P | 1 506 | 2 145 | 104 061 | 236 799 | 69.10 | 110.40 |
| Exelon | | P | 0 | 3 605 | 0 | 137 165 | 0.00 | 38.05 |
| Ind Elc Mark Op | | N | 10 571 | 3 048 671 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | | P | 0 | 14 328 | 0 | 1 305 385 | 0.00 | 91.11 |
| Morgan Stanley | | P | 2 777 | 4 589 | 157 339 | 257 019 | 56.66 | 56.01 |
| OPGI/OHIM | | P | 126 307 | 696 341 | 5 400 448 | 39 361 808 | 42.76 | 52.62 |
| | | S | 32 823 | 90 795 | 102 427 | 225 213 | 3.12 | 2.33 |
| PG&E Ener. Trad | | P | 115 111 | 392 515 | 7 621 487 | 33 807 294 | 66.21 | 86.13 |
| Powerex Corp. | | P | 12 128 | 23 702 | 356 554 | 877 307 | 29.40 | 37.01 |
| **Subtotal Purchased Imports: Ontario** | | | **364 952** | **1 332 941** | **18 945 365** | **87 355 443** | **51.91** | **62.77** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B

## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$) [1] NOV02 | Revenue (CAN$) [1] JAN02 - NOV02 | CAN$/MW.h [2] NOV02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Quebec** | | | | | | | | |
| Brascan | - | P | 2 215 | 2 343 | 145 030 | 155 575 | 65.48 | 66.40 |
| Hydro-Quebec | | P | 383 007 | 1 893 254 | 20 685 326 | 72 303 901 | 54.01 | 38.10 |
| MEHQ | | P | 1 540 | 181 505 | 448 940 | 17 683 290 | 291.52 | 97.73 |
| **Subtotal Purchased Imports: Quebec** | | | **386 762** | **2 077 102** | **21 279 296** | **90 142 766** | **55.02** | **43.08** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | | P | 111 058 | 858 634 | 3 844 524 | 27 463 781 | 34.62 | 31.46 |
| **Subtotal Purchased Imports: Saskatchewan** | | | **111 058** | **858 634** | **3 844 524** | **27 463 781** | **34.62** | **31.46** |
| **Total Purchased Imports:** | | | **1 341 632** | **11 532 836** | **58 477 573** | **386 046 601** | **43.59** | **33.17** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3A
## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$)[1] NOV02 | Revenue (CAN$)[1] JAN02 - NOV02 | CAN$/MW.h[2] NOV02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Alaska** | British Columbia | 0 | 940 | 0 | 204 881 | 0.00 | 205.16 |
| **Subtotal Exports: Alaska** | | **0** | **940** | **0** | **204 881** | **0.00** | **205.16** |
| **Arizona** | British Columbia | 0 | 64 261 | 0 | 3 095 177 | 0.00 | 48.58 |
| **Subtotal Exports: Arizona** | | **0** | **64 261** | **0** | **3 095 177** | **0.00** | **48.58** |
| **California** | British Columbia | 24 809 | 1 898 886 | 1 076 283 | 72 318 947 | 43.38 | 39.50 |
| **Subtotal Exports: California** | | **24 809** | **1 898 886** | **1 076 283** | **72 318 947** | **43.38** | **39.50** |
| **Colorado** | British Columbia | 0 | 6 707 | 0 | 308 192 | 0.00 | 45.31 |
| **Subtotal Exports: Colorado** | | **0** | **6 707** | **0** | **308 192** | **0.00** | **45.31** |
| **Idaho** | British Columbia | 0 | 626 | 0 | 28 283 | 0.00 | 45.18 |
| **Subtotal Exports: Idaho** | | **0** | **626** | **0** | **28 283** | **0.00** | **45.18** |
| **Maine** | New Brunswick | 254 946 | 2 385 534 | 17 275 555 | 152 177 302 | 65.72 | 60.49 |
| | Nova Scotia | 887 | 29 817 | 35 884 | 1 27[illegible] 415 | 40.46 | 42.61 |
| | Quebec | 92 391 | 724 387 | 3 429 830 | 38 150 547 | 37.12 | 52.70 |
| **Subtotal Exports: Maine** | | **348 224** | **3 139 738** | **20 741 268** | **191 598 264** | **58.07** | **58.66** |
| **Massachusetts** | Quebec | 0 | 165 179 | 0 | 11 270 135 | 0.00 | 60.26 |
| **Subtotal Exports: Massachusetts** | | **0** | **165 179** | **0** | **11 270 135** | **0.00** | **60.26** |
| **Michigan** | Ontario | 96 | 5 664 | 0 | 135 215 | 0.00 | 23.50 |
| **Subtotal Exports: Michigan** | | **96** | **5 664** | **0** | **135 215** | **0.00** | **23.50** |
| **Minnesota** | British Columbia | 0 | 1 580 | 0 | 141 371 | 0.00 | 89.48 |
| | Manitoba | 0 | 75 | 0 | 1 079 | 0.00 | 14.39 |
| | Ontario | 0 | 132 232 | 0 | 5 114 276 | 0.00 | 37.54 |
| **Subtotal Exports: Minnesota** | | **0** | **133 887** | **0** | **5 256 726** | **0.00** | **38.03** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3A
## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$)[1] NOV02 | Revenue (CAN$)[1] JAN02 - NOV02 | CAN$/MW.h[2] NOV02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Montana** | British Columbia | 2 670 | 51 674 | 143 411 | 2 559 777 | 53.71 | 49.54 |
| | Saskatchewan | 0 | 70 | 0 | 1 788 | 0.00 | 25.54 |
| **Subtotal Exports: Montana** | | **2 670** | **51 744** | **143 411** | **2 561 565** | **53.71** | **49.50** |
| **ND/Minn** | Manitoba | 444 671 | 6 939 370 | 25 661 332 | 363 446 390 | 57.63 | 52.10 |
| **Subtotal Exports: ND/Minn** | | **444 671** | **6 939 370** | **25 661 332** | **363 446 390** | **57.63** | **52.10** |
| **Nevada** | British Columbia | 194 | 84 752 | 9 776 | 7 306 714 | 50.39 | 86.21 |
| **Subtotal Exports: Nevada** | | **194** | **84 752** | **9 776** | **7 306 714** | **50.39** | **86.21** |
| **New England** | Quebec | 0 | 2 400 | 0 | 2 076 577 | 0.00 | 865.24 |
| **Subtotal Exports: New England** | | **0** | **2 400** | **0** | **2 076 577** | **0.00** | **865.24** |
| **New Mexico** | British Columbia | 3 425 | 5 370 | 184 547 | 291 937 | 53.88 | 54.36 |
| **Subtotal Exports: New Mexico** | | **3 425** | **5 370** | **184 547** | **291 937** | **53.88** | **54.36** |
| **New York** | Ontario | 122 258 | 2 106 821 | 5 614 307 | 87 433 937 | 45.59 | 39.85 |
| | Quebec | 38 969 | 11 387 144 | 5 608 800 | 543 010 175 | 135.13 | 42.13 |
| **Subtotal Exports: New York** | | **161 227** | **13 493 965** | **11 223 106** | **630 444 112** | **67.24** | **41.74** |
| **North Dakota** | British Columbia | 0 | 42 | 0 | 2 486 | 0.00 | 59.20 |
| | Saskatchewan | 11 850 | 445 604 | 625 958 | 24 321 920 | 52.82 | 42.57 |
| **Subtotal Exports: North Dakota** | | **11 850** | **445 646** | **625 958** | **24 324 406** | **52.82** | **42.57** |
| **Oregon** | Alberta | 0 | 545 | 0 | 16 239 | 0.00 | 29.16 |
| | British Columbia | 200 355 | 1 264 999 | 9 308 153 | 42 306 342 | 46.46 | 34.01 |
| **Subtotal Exports: Oregon** | | **200 355** | **1 265 544** | **9 308 153** | **42 322 581** | **46.46** | **34.01** |
| **Pennsylvania** | British Columbia | 0 | 30 | 0 | 573 | 0.00 | 19.09 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$)[1] NOV02 | Revenue (CAN$)[1] JAN02 - NOV02 | CAN$/MW.h[2] NOV02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Pennsylvania** | Ontario | 0 | 350 | 0 | 14 789 | 0.00 | 42.25 |
| **Subtotal Exports: Pennsylvania** | | **0** | **380** | **0** | **15 362** | **0.00** | **40.43** |
| **South Dakota** | British Columbia | 0 | 363 | 0 | 10 646 | 0.00 | 29.33 |
| **Subtotal Exports: South Dakota** | | **0** | **363** | **0** | **10 646** | **0.00** | **29.33** |
| **Utah** | British Columbia | 315 | 8 800 | 24 058 | 593 179 | 76.38 | 67.41 |
| **Subtotal Exports: Utah** | | **315** | **8 800** | **24 058** | **593 179** | **76.38** | **67.41** |
| **Vermont** | Quebec | 131 128 | 1 950 525 | 15 786 742 | 195 316 320 | 43.87 | 43.19 |
| **Subtotal Exports: Vermont** | | **131 128** | **1 950 525** | **15 786 742** | **195 316 320** | **43.87** | **43.19** |
| **Virginia** | Ontario | 0 | 375 | 0 | 16 558 | 0.00 | 44.15 |
| **Subtotal Exports: Virginia** | | **0** | **375** | **0** | **16 558** | **0.00** | **44.15** |
| **Washington** | Alberta | 8 871 | 76 294 | 377 663 | 2 522 322 | 42.57 | 30.19 |
| | British Columbia | 649 906 | 3 702 268 | 27 733 014 | 120 506 813 | 42.67 | 33.79 |
| **Subtotal Exports: Washington** | | **658 777** | **3 778 562** | **28 110 677** | **123 029 134** | **42.67** | **33.71** |
| **Wyoming** | British Columbia | 641 | 20 565 | 44 148 | 1 446 458 | 68.87 | 70.34 |
| **Subtotal Exports: Wyoming** | | **641** | **20 565** | **44 148** | **1 446 458** | **68.87** | **70.34** |
| **Total Exports** | | **1 986 381** | **33 464 249** | **112 939 459** | **1 677 417 759** | **51.28** | **44.48** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 3B

## Import Purchases Summary Report by Source and Destination

| Source | Destination | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$)[1] NOV02 | Revenue (CAN$)[1] JAN02 - NOV02 | CAN$/MW.h[2] NOV02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Illinois** | Ontario | 7 683 | 79 745 | 494 629 | 4 919 626 | 64.38 | 61.69 |
| **Subtotal Imports: Illinois** | | **7 683** | **79 745** | **494 629** | **4 919 626** | **64.38** | **61.69** |
| **Indiana** | Ontario | 0 | 810 | 0 | 102 751 | 0.00 | 126.85 |
| **Subtotal Imports: Indiana** | | **0** | **810** | **0** | **102 751** | **0.00** | **126.85** |
| **Maine** | New Brunswick | 15 | 9 105 | 352 | 380 243 | 23.48 | 36.91 |
| | Quebec | 1 540 | 181 505 | 448 940 | 17 683 290 | 291.52 | 97.73 |
| **Subtotal Imports: Maine** | | **1 555** | **190 610** | **449 292** | **18 063 533** | **288.93** | **94.28** |
| **Michigan** | Ontario | 114 570 | 597 496 | 4 885 307 | 30 912 527 | 42.64 | 50.82 |
| **Subtotal Imports: Michigan** | | **114 570** | **597 496** | **4 885 307** | **30 912 527** | **42.64** | **50.82** |
| **Minnesota** | Ontario | 95 218 | 99 831 | 4 689 238 | 4 906 115 | 49.25 | 48.31 |
| **Subtotal Imports: Minnesota** | | **95 218** | **99 831** | **4 689 238** | **4 906 115** | **49.25** | **48.31** |
| **Missouri** | Ontario | 0 | 136 | 0 | 5 616 | 0.00 | 41.30 |
| **Subtotal Imports: Missouri** | | **0** | **136** | **0** | **5 616** | **0.00** | **41.30** |
| **ND/Minn** | Manitoba | 326 673 | 1 793 775 | 8 760 990 | 51 004 464 | 26.82 | 27.89 |
| **Subtotal Imports: ND/Minn** | | **326 673** | **1 793 775** | **8 760 990** | **51 004 464** | **26.82** | **27.89** |
| **New York** | Ontario | 116 965 | 487 522 | 7 527 639 | 43 111 709 | 64.36 | 84.43 |
| | Quebec | 385 222 | 1 895 597 | 20 830 356 | 72 459 476 | 54.07 | 38.13 |
| **Subtotal Imports: New York** | | **502 187** | **2 383 119** | **28 357 996** | **115 571 185** | **56.47** | **47.19** |
| **North Dakota** | Saskatchewan | 111 058 | 858 634 | 3 844 524 | 27 463 781 | 34.62 | 31.46 |
| **Subtotal Imports: North Dakota** | | **111 058** | **858 634** | **3 844 524** | **27 463 781** | **34.62** | **31.46** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 3B

## Import Purchases Summary Report by Source and Destination

| Source | Destination | Energy (MW.h) NOV02 | Energy (MW.h) JAN02 - NOV02 | Revenue (CAN$)[1] NOV02 | Revenue (CAN$)[1] JAN02 - NOV02 | CAN$/MW.h[2] NOV02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Ohio** | Ontario | 739 | 3 386 | 36 737 | 203 866 | 49.71 | 60.21 |
| **Subtotal Imports: Ohio** | | **739** | **3 386** | **36 737** | **203 866** | **49.71** | **60.21** |
| **Oregon** | Alberta | 715 | 4 872 | 31 735 | 186 381 | 44.38 | 38.33 |
| | British Columbia | 0 | 3 205 | 0 | 74 700 | 0.00 | 23.31 |
| **Subtotal Imports: Oregon** | | **715** | **8 077** | **31 735** | **261 081** | **44.38** | **32.39** |
| **Pennsylvania** | Ontario | 29 777 | 64 015 | 1 311 815 | 3 193 233 | 44.05 | 49.88 |
| **Subtotal Imports: Pennsylvania** | | **29 777** | **64 015** | **1 311 815** | **3 193 233** | **44.05** | **49.88** |
| **Washington** | Alberta | 27 924 | 392 244 | 1 359 904 | 12 444 712 | 48.70 | 31.71 |
| | British Columbia | 123 533 | 5 060 958 | 4 255 407 | 116 994 113 | 34.45 | 23.11 |
| **Subtotal Imports: Washington** | | **151 457** | **5 453 202** | **5 615 311** | **129 438 825** | **37.08** | **23.75** |
| **Total Imports** | | **1 341 632** | **11 532 836** | **58 477 573** | **386 046 601** | **43.59** | **33.17** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 4
## Source of Production Report [1]
## Canadian Exports

| Fuel Type | NOV02 Energy (MW.h) | Revenue (CAN$) [2] | CAN$/MW.h [2] |
|---|---|---|---|
| Canadian Coal | 6 956 | 399 465 | 57.43 |
| Hydraulic | 1 358 439 | 68 887 330 | 50.71 |
| Imported Coal | 20 398 | 1 382 951 | 67.80 |
| Imported Oil | 184 389 | 12 798 627 | 69.41 |
| Other | 187 971 | 8 722 669 | 46.40 |
| **Total** | **1 758 153** | **92 191 042** | **52.44** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | NOV02 Energy (MW.h) | NOV02 Revenue (CANS) [2] | NOV02 CANS/MW.h [2] |
|---|---|---|---|---|---|
| **Brascan** | Hydraulic | Permit 112 | 3 615 | 233 493 | 64.59 |
| | | **Subtotal** | **3 615** | **233 493** | **64.59** |
| | **Subtotal** | | **3 615** | **233 493** | **64.59** |
| **Conectiv Energy** | Other | Permit 212 | 36 327 | 1 644 867 | 45.28 |
| | | **Subtotal** | **36 327** | **1 644 867** | **45.28** |
| | **Subtotal** | | **36 327** | **1 644 867** | **45.28** |
| **Coral Energy** | Other | Permit 174 | 704 | 18 318 | 26.02 |
| | | **Subtotal** | **704** | **18 318** | **26.02** |
| | **Subtotal** | | **704** | **18 318** | **26.02** |
| **Enmax Marketing** | Canadian Coal | Permit 169 | 2 898 | 122 444 | 42.25 |
| | | **Subtotal** | **2 898** | **122 444** | **42.25** |
| | **Subtotal** | | **2 898** | **122 444** | **42.25** |
| **Hydro-Quebec** | Hydraulic | Licence 180 | 67 900 | 2 866 977 | 42.22 |
| | | Licence 181 | 12 844 | 542 319 | 42.22 |
| | | Licence 182 | 11 188 | 472 397 | 42.22 |
| | | Licence 183 | 16 054 | 677 856 | 42.22 |
| | | Licence 184 | 12 945 | 546 583 | 42.22 |
| | | Permit 64 | 45 551 | 5 678 648 | 124.67 |
| | | **Subtotal** | **166 482** | **10 784 780** | **64.78** |
| | **Subtotal** | | **166 482** | **10 784 780** | **64.78** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | NOV02 Energy (MW.h) | NOV02 Revenue (CAN$) [2] | NOV02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Manitoba Hydro** | Hydraulic | Licence 170 | 268 700 | 14 298 079 | 53.21 |
| | | Permit 45 | 16 000 | 1 402 598 | 87.66 |
| | | Permit 46 | 72 797 | 3 457 734 | 47.50 |
| | | Permit 68 | 17 446 | 686 495 | 39.35 |
| | | Permit 144 | 9 952 | 985 259 | 99.00 |
| | | Permit 155 | 18 745 | 1 383 874 | 73.83 |
| | | Permit 207 | 33 600 | 2 735 443 | 81.41 |
| | | **Subtotal** | **437 240** | **24 949 482** | **57.06** |
| | Other | Permit 144 | 6 928 | 685 880 | 99.00 |
| | | **Subtotal** | **6 928** | **685 880** | **99.00** |
| | **Subtotal** | | **444 168** | **25 635 361** | **57.72** |
| **NB Power** | Canadian Coal | Permit 47 | 382 | 23 542 | 61.56 |
| | | Permit 90 | 721 | 46 678 | 64.74 |
| | | Permit 91 | 2 955 | 206 803 | 69.99 |
| | | **Subtotal** | **4 058** | **277 022** | **68.26** |
| | Hydraulic | Permit 47 | 27 | 1 651 | 61.56 |
| | | Permit 90 | 267 | 17 268 | 64.74 |
| | | Permit 91 | 2 850 | 199 496 | 69.99 |
| | | **Subtotal** | **3 144** | **218 414** | **69.47** |
| | Imported Coal | Permit 47 | 2 276 | 140 141 | 61.56 |
| | | Permit 90 | 4 856 | 314 390 | 64.74 |
| | | Permit 91 | 13 265 | 928 420 | 69.99 |
| | | **Subtotal** | **20 398** | **1 382 951** | **67.80** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | NOV02 Energy (MW.h) | NOV02 Revenue (CANS) [2] | NOV02 CANS/MW.h [2] |
|---|---|---|---|---|---|
| **NB Power** | Imported Oil | Permit 47 | 4 014 | 247 087 | 61.56 |
| | | Permit 90 | 13 858 | 897 189 | 64.74 |
| | | Permit 91 | 166 511 | 11 654 011 | 69.99 |
| | | Permit 148 | 6 | 340 | 56.65 |
| | | **Subtotal** | **184 389** | **12 798 627** | **69.41** |
| | Other | Permit 47 | 315 | 19 381 | 61.56 |
| | | Permit 90 | 3 502 | 226 703 | 64.74 |
| | | Permit 91 | 1 339 | 93 698 | 69.99 |
| | | **Subtotal** | **5 155** | **339 782** | **65.91** |
| | **Subtotal** | | **217 144** | **15 016 796** | **69.16** |
| **PG&E Ener. Trad** | Other | Permit 146 | 4 500 | 211 593 | 47.02 |
| | | **Subtotal** | **4 500** | **211 593** | **47.02** |
| | **Subtotal** | | **4 500** | **211 593** | **47.02** |
| **Powerex Corp.** | Hydraulic | Permit 118 | 693 789 | 30 064 668 | 43.33 |
| | | **Subtotal** | **693 789** | **30 064 668** | **43.33** |
| | Other | Permit 118 | 134 357 | 5 822 229 | 43.33 |
| | | **Subtotal** | **134 357** | **5 822 229** | **43.33** |
| | **Subtotal** | | **828 146** | **35 886 898** | **43.33** |
| **Teck Cominco** | Hydraulic | Permit 132 | 54 169 | 2 636 492 | 48.67 |
| | | **Subtotal** | **54 169** | **2 636 492** | **48.67** |
| | **Subtotal** | | **54 169** | **2 636 492** | **48.67** |
| **Total All Exporters** | | | **1 758 153** | **92 191 042** | **52.44** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# DECEMBER

# DÉCEMBRE

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National Energy Board

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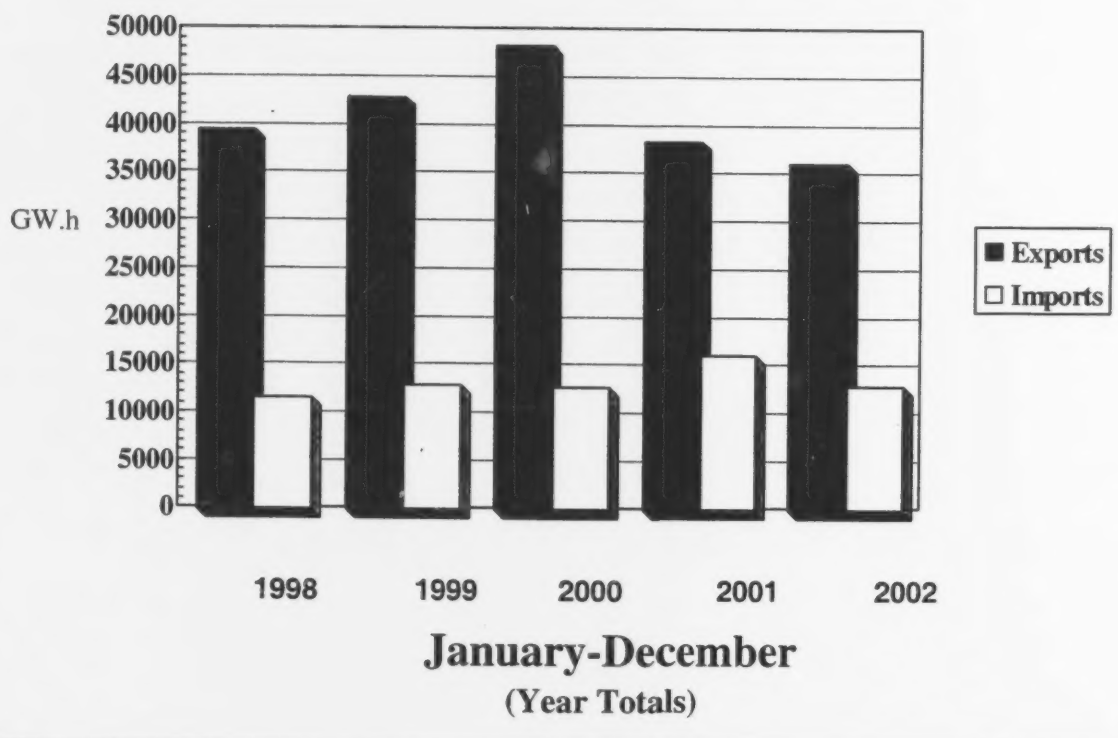
# Electricity Exports and Imports

## Monthly Statistics for

## December 2002

Exports: **2196** GW.h

Imports: **1463** GW.h

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# TABLE 1
# Exports and Imports of Electricity
# Summary: Canada
# DECEMBER 2002

| | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|
| **Exports of Electric Energy** | Firm | 739 790 | 9 468 107 | 51 893 706 | 649 312 090 | 56.65 | 54.09 |
| | Interruptible | 1 455 775 | 26 662 373 | 80 488 174 | 1 187 806 023 | 54.71 | 43.12 |
| | Non-Revenue/Inadvertant | - 416 469 | -2 501 121 | 0 | 0 | 0.00 | 0.00 |
| | Service | 88 258 | 1 063 191 | 1 704 000 | 3 712 646 | 19.31 | 3.49 |
| **Total Exports** | | **1 867 354** | **34 692 550** | **134 085 880** | **1 840 830 759** | **66.00** | **48.01** |
| Total Sales - Firm and Interruptible | | 2 195 565 | 36 130 480 | 132 381 880 | 1 837 118 113 | 55.36 | 46.00 |
| **Imports of Electric Energy** | Non-Revenue/Inadvertant | -50 304 | -25 647 | 0 | 0 | 0.00 | 0.00 |
| | Purchase | 1 462 802 | 12 995 708 | 84 642 721 | 470 692 359 | 57.86 | 36.18 |
| | Service | 88 258 | 947 012 | 80 455 | 305 668 | 0.91 | 0.32 |
| **Total Imports** | | **1 500 756** | **13 917 073** | **84 723 176** | **470 998 027** | **56.45** | **33.81** |
| **Excess of Exports Over Imports** | | **366 598** | **20 775 477** | **49 362 704** | **1 369 832 731** | | |

**Number of Export Licences:** 9

**Number of Export Permits/Orders:** 159

168

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

***For further information, contact:***

***Mary-Jane Sam***
***Statistical Research Officer,***
***Commodities Business Unit Agente***
***National Energy Board***
***(403) 299-3706***

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Enmax Marketing | Permit 169 | I | 7 918 | 34 150 | 330 112 | 1 218 005 | 41.69 | 35.67 |
| IDACORP Ener LP | Permit 164 | F | 0 | 2 022 | 0 | 53 863 | 0.00 | 26.64 |
| TransAlta Ener | Permit 168 | F | 14 335 | 49 838 | 568 958 | 1 645 583 | 39.69 | 33.02 |
| TransAlta Ener. | | F | 0 | 6 872 | 0 | 276 967 | 0.00 | 40.30 |
| TransCanada | Permit 78 | I | 3 994 | 10 204 | 190 100 | 433 313 | 47.60 | 42.47 |
| **Subtotal Firm and Interruptible Exports: Alberta** | | | **26 247** | **103 086** | **1 089 170** | **3 627 731** | **41.50** | **35.19** |
| **British Columbia** | | | | | | | | |
| Aquila Canada | Permit 114 | I | 0 | 17 | 0 | 491 | 0.00 | 28.88 |
| BC Hydro | Permit 105 | F | 0 | 940 | 24 835 | 255 001 | 0.00 | 271.37 |
| | Permit 127 | N | - 423 613 | -4 418 040 | 0 | 0 | 0.00 | 0.00 |
| | | S | 62 560 | 830 519 | 0 | 0 | 0.00 | 0.00 |
| | Permit 192 | N | 73 089 | 909 106 | 0 | 0 | 0.00 | 0.00 |
| | Treaty | N | 35 175 | 265 155 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | Permit 118 | I | 787 773 | 7 237 747 | 34 695 808 | 261 191 375 | 44.04 | 36.09 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A

## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Powerex Corp. | Permit 118 | S | 0 | 491 | 0 | 0 | 0.00 | 0.00 |
| Teck Cominco | Permit 132 | F | 37 465 | 698 397 | 1 992 187 | 26 413 023 | 53.17 | 37.82 |
| **Subtotal Firm and Interruptible Exports: British Columbia** | | | **825 238** | **7 937 101** | **36 712 830** | **287 859 890** | **44.49** | **36.27** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | Licence 170 | F | 266 300 | 3 302 700 | 14 531 378 | 178 707 299 | 54.57 | 54.11 |
| | Permit 33 | F | 0 | 54 355 | 0 | 1 910 165 | 0.00 | 35.14 |
| | Permit 34 | F | 0 | 48 440 | 0 | 2 166 650 | 0.00 | 44.73 |
| | Permit 35 | F | 0 | 119 377 | 0 | 3 869 122 | 0.00 | 32.41 |
| | Permit 45 | F | 16 800 | 237 920 | 1 462 078 | 19 378 570 | 85.47 | 80.89 |
| | Permit 46 | I | 96 833 | 2 731 921 | 4 300 502 | 118 422 466 | 44.41 | 43.34 |
| | | N | - 171 437 | - 834 702 | 0 | 0 | 0.00 | 0.00 |
| | Permit 68 | F | 18 21[illegible] | 186 047 | 697 911 | 8 024 306 | 38.32 | 43.13 |
| | Permit 72 | F | 12 | 12 | 1 211 | 1 211 | 105.14 | 105.14 |
| | Permit 128 | F | 564 | 6 086 | 29 150 | 323 666 | 51.68 | 53.18 |
| | Permit 144 | F | 17 600 | 217 185 | 1 749 634 | 19 641 268 | 99.41 | 90.44 |
| | Permit 155 | F | 18 840 | 257 361 | 1 401 201 | 18 343 688 | 74.37 | 71.28 |
| | Permit 207 | F | 35 200 | 248 326 | 2 848 461 | 19 679 505 | 80.92 | 79.25 |
| Powerex Corp. | Permit 116 | I | 0 | 75 | 0 | 1 079 | 0.00 | 14.39 |
| **Subtotal Firm and Interruptible Exports: Manitoba** | | | **470 360** | **7 409 805** | **27 021 526** | **390 468 995** | **57.39** | **52.68** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **New Brunswick** | | | | | | | | |
| Fraser Inc. | Permit 147 | F | 32 055 | 338 610 | 2 126 763 | 22 829 433 | 66.35 | 67.42 |
| NB Power | Permit 17 | S | 0 | 10 909 | 0 | 0 | 0.00 | 0.00 |
| | Permit 28 | F | 0 | 23 | 0 | 3 118 | 0.00 | 134.69 |
| | Permit 47 | F | 7 610 | 81 152 | 472 814 | 5 489 772 | 62.13 | 67.65 |
| | | N | 0 | 451 | 0 | 0 | 0.00 | 0.00 |
| | Permit 90 | F | 25 533 | 327 137 | 1 666 355 | 21 664 247 | 65.26 | 66.22 |
| | | N | 0 | 2 732 | 0 | 0 | 0.00 | 0.00 |
| | Permit 91 | I | 118 090 | 1 553 305 | 8 874 524 | 100 428 747 | 70.69 | 61.10 |
| | | N | 0 | -12 597 | 0 | 0 | 0.00 | 0.00 |
| | Permit 148 | F | 0 | 671 043 | 0 | 41 335 393 | 0.00 | 61.60 |
| WPS Power Dev. | Licence 177 | F | 3 891 | 72 110 | 49 490 | 917 233 | 12.72 | 12.72 |
| **Subtotal Firm and Interruptible Exports: New Brunswick** | | | **187 179** | **3 043 380** | **13 189 946** | **192 667 943** | **67.66** | **61.49** |
| **Nova Scotia** | | | | | | | | |
| Emera Energy | Permit 216 | I | 0 | 1 720 | 0 | 112 917 | 0.00 | 65.65 |
| NS Power Inc. | Permit 122 | I | 0 | 28 097 | 0 | 1 157 498 | 0.00 | 41.20 |
| **Subtotal Firm and Interruptible Exports: Nova Scotia** | | | **0** | **29 817** | **0** | **1 270 415** | **0.00** | **42.61** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Ontario** | | | | | | | | |
| Aquila Canada | Permit 115 | F | 0 | 2 072 | 0 | 56 544 | 0.00 | 27.29 |
| Cargill Canada | Permit 204 | F | 2 928 | 2 928 | 67 801 | 67 801 | 23.16 | 23.16 |
| Cdn. Niagara | Permit 84 | F | 0 | 114 375 | 0 | 4 299 093 | 0.00 | 37.59 |
| Conectiv Energy | Permit 212 | I | 15 861 | 69 661 | 643 013 | 2 925 097 | 40.54 | 41.99 |
| Coral Energy | Permit 174 | F | 6 628 | 24 401 | 307 348 | 6 527 164 | 46.37 | 267.50 |
| D&W Subway | Permit 26 | F | 0 | 1 628 | 0 | 0 | 0.00 | 0.00 |
| EPCOR Merchant | Permit 187 | F | 0 | 270 | 0 | 15 309 | 0.00 | 56.70 |
| *Hydro One Net* | Permit 25 | F | 0 | 36 | 0 | 4 104 | 0.00 | 74.16 |
| Ind Elc Mark Op | Permit 22 | N | 70 317 | 1 586 774 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | Permit 142 | I | 0 | 7 558 | 0 | 347 124 | 0.00 | 45.93 |
| Morgan Stanley | Permit 180 | I | 0 | 100 | 0 | 5 291 | 0.00 | 52.91 |
| Ont Power Gen | Permit 24 | F | 26 | 277 | 51 | 553 | 2.00 | 2.00 |
| OPGI/OHIM | Permit 21 | I | 124 378 | 2 137 087 | 6 091 432 | 84 092 219 | 47.35 | 38.75 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| OPGI/OHIM | Permit 21 | S | 25 698 | 121 822 | 1 704 000 | 3 712 646 | 66.31 | 30.48 |
| PG&E Ener. Trad | Permit 146 | F | 4 512 | 33 818 | 207 894 | 1 420 231 | 46.08 | 42.00 |
| Powerex Corp. | Permit 116 | I | 0 | 875 | 0 | 41 374 | 0.00 | 47.28 |
| Sempra Corp | Permit 157 | F | 8 224 | 12 913 | 405 800 | 628 701 | 49.34 | 48.69 |
| **Subtotal Firm and Interruptible Exports: Ontario** | | | **162 557** | **2 407 998** | **7 723 339** | **100 430 607** | **46.27** | **41.18** |
| **Quebec** | | | | | | | | |
| Brascan | Permit 112 | F | 74 309 | 168 806 | 5 086 315 | 12 432 663 | 68.45 | 73.65 |
| Énergie Maclare | | F | 0 | 163 358 | 0 | 8 735 436 | 0.00 | 53.47 |
| Hydro-Quebec | Licence 180 | F | 84 028 | 1 106 592 | 9 192 559 | 115 029 699 | 41.90 | 42.01 |
| | Licence 181 | F | 14 860 | 205 218 | 1 531 469 | 20 435 636 | 41.90 | 42.27 |
| | Licence 182 | F | 13 294 | 169 410 | 1 374 970 | 17 039 807 | 41.90 | 42.23 |
| | Licence 183 | F | 20 916 | 298 205 | 2 397 695 | 30 974 722 | 41.90 | 42.22 |
| | Licence 184 | F | 15 428 | 195 039 | 1 683 553 | 20 801 462 | 41.90 | 42.23 |
| | Permit 20 | F | 222 | 1 210 | 15 825 | 86 017 | 71.28 | 71.09 |
| | Permit 64 | I | 180 538 | 11 601 005 | 20 007 264 | 552 703 997 | 110.16 | 45.15 |
| | | S | 0 | 99 450 | 0 | 0 | 0.00 | 0.00 |
| | Permit 65 | F | 0 | 0 | 0 | 14 723 421 | 0.00 | 0.00 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| MEHQ | Permit 129 | I | 105 400 | 829 787 | 4 561 774 | 42 712 321 | 43.28 | 51.47 |
| **Subtotal Firm and Interruptible Exports: Quebec** | | | **508 995** | **14 738 630** | **45 851 424** | **835 675 179** | **70.28** | **45.65** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | Permit 88 | I | 14 990 | 418 994 | 793 644 | 22 010 920 | 52.94 | 47.16 |
| | Permit 89 | F | 0 | 41 600 | 0 | 3 104 644 | 0.00 | 0.00 |
| Powerex Corp. | Permit 116 | I | 0 | 70 | 0 | 1 788 | 0.00 | 25.54 |
| **Subtotal Firm and Interruptible Exports: Saskatchewan** | | | **14 990** | **460 664** | **793 644** | **25 117 352** | **52.94** | **42.90** |
| **Total Firm and Interruptible Exports:** | | | **2 195 565** | **36 130 480** | **132 381 880** | **1 837 118 113** | **55.36** | **46.00** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Aquila Canada | - | P | 0 | 3 919 | 0 | 200 410 | 0.00 | 51.14 |
| Enmax Marketing | | P | 6 609 | 79 844 | 379 568 | 2 905 898 | 57.43 | 36.39 |
| EPCOR Merchant | | P | 3 646 | 47 962 | 227 636 | 2 002 094 | 62.43 | 41.74 |
| TransAlta Ener | | P | 5 516 | 88 258 | 274 403 | 2 729 479 | 49.75 | 30.93 |
| TransAlta Ener. | | P | 0 | 168 595 | 0 | 4 853 221 | 0.00 | 28.79 |
| TransCanada | | P | 2 369 | 26 678 | 151 814 | 973 412 | 64.08 | 36.49 |
| **Subtotal Purchased Imports: Alberta** | | | **18 140** | **415 256** | **1 033 421** | **13 664 514** | **56.97** | **32.91** |
| **British Columbia** | | | | | | | | |
| Aquila Networks | | P | 0 | 535 | 0 | 35 500 | 0.00 | 66.36 |
| BC Hydro | | N | - 281 902 | -3 239 140 | 0 | 0 | 0.00 | 0.00 |
| | | S | 62 560 | 830 519 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | | P | 98 638 | 4 860 632 | 3 094 322 | 111 635 311 | 31.37 | 22.97 |
| Teck Cominco | | P | 1 928 | 257 309 | 106 357 | 7 625 881 | 55.16 | 29.64 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| UtiliCorp BC | - | P | 0 | 46 253 | 0 | 972 800 | 0.00 | 21.03 |
| **Subtotal Purchased Imports: British Columbia** | | | **100 566** | **5 164 729** | **3 200 679** | **120 269 492** | **31.83** | **23.29** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | | N | 166 743 | 99 978 | 0 | 0 | 0.00 | 0.00 |
| | | P | 348 958 | 2 142 733 | 9 672 656 | 60 677 120 | 27.72 | 28.32 |
| **Subtotal Purchased Imports: Manitoba** | | | **348 958** | **2 142 733** | **9 672 656** | **60 677 120** | **27.72** | **28.32** |
| **New Brunswick** | | | | | | | | |
| NB Power | | P | 0 | 6 840 | 0 | 351 429 | 0.00 | 51.38 |
| WPS Power Dev. | | P | 15 | 2 281 | 193 | 29 008 | 12.72 | 12.72 |
| **Subtotal Purchased Imports: New Brunswick** | | | **15** | **9 121** | **193** | **380 436** | **12.72** | **41.71** |
| **Ontario** | | | | | | | | |
| Aquila Canada | | P | 0 | 25 | 0 | 870 | 0.00 | 34.80 |
| Cargill Canada | | P | 136 465 | 231 836 | 7 564 375 | 12 264 513 | 55.43 | 52.90 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Coral Energy | | P | 42 800 | 46 848 | 906 083 | 1 018 065 | 21.17 | 21.73 |
| D&W Subway | | P | 0 | 1 187 | 0 | 0 | 0.00 | 0.00 |
| Dynegy | | P | 47 661 | 142 724 | 4 409 278 | 10 968 953 | 92.51 | 76.85 |
| EPCOR Merchant | | P | 45 | 2 190 | 4 837 | 241 636 | 107.48 | 110.34 |
| Exelon | | P | 0 | 3 605 | 0 | 137 165 | 0.00 | 38.05 |
| Ind Elc Mark Op | | N | 64 855 | 3 113 515 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | | P | 0 | 14 328 | 0 | 1 305 385 | 0.00 | 91.11 |
| Morgan Stanley | | P | 1 641 | 6 230 | 378 110 | 635 129 | 230.41 | 101.95 |
| OPGI/OHIM | | P | 135 808 | 832 149 | 6 810 500 | 46 172 308 | 50.15 | 55.49 |
| | | S | 25 698 | 116 493 | 80 455 | 305 668 | 3.13 | 2.62 |
| PG&E Ener. Trad | | P | 50 147 | 442 662 | 2 675 670 | 36 482 964 | 53.36 | 82.42 |
| Powerex Corp. | | P | 5 310 | 29 012 | 234 900 | 1 112 207 | 44.24 | 38.34 |
| Sempra Corp | | P | 2 562 | 2 655 | 383 853 | 386 890 | 149.83 | 145.72 |
| **Subtotal Purchased Imports: Ontario** | | | **422 439** | **1 755 450** | **23 367 605** | **110 726 085** | **55.32** | **63.08** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$) [1] DEC02 | Revenue (CAN$) [1] JAN02 - DEC02 | CAN$/MW.h [2] DEC02 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Quebec** | | | | | | | | |
| Brascan | | P | 64 046 | 66 389 | 4 451 618 | 4 607 193 | 69.51 | 69.40 |
| Hydro-Quebec | | P | 403 123 | 2 296 377 | 23 296 572 | 95 600 473 | 57.79 | 41.63 |
| MEHQ | | P | 1 463 | 182 968 | 15 848 383 | 33 531 673 | ****.** | 183.27 |
| **Subtotal Purchased Imports: Quebec** | | | **468 632** | **2 545 734** | **43 596 573** | **133 739 339** | **93.03** | **52.53** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | | P | 104 052 | 962 686 | 3 771 593 | 31 235 374 | 36.25 | 31.98 |
| **Subtotal Purchased Imports: Saskatchewan** | | | **104 052** | **962 686** | **3 771 593** | **31 235 374** | **36.25** | **31.98** |
| **Total Purchased Imports:** | | | **1 462 802** | **12 995 708** | **84 642 721** | **470 692 359** | **57.86** | **36.18** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 3A
## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$)[1] DEC02 | Revenue (CAN$)[1] JAN02 - DEC02 | CAN$/MW.h[2] DEC02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Alaska | British Columbia | 0 | 940 | 24 835 | 255 001 | 0.00 | 271.37 |
| **Subtotal Exports: Alaska** | | **0** | **940** | **24 835** | **255 001** | **0.00** | **271.37** |
| Arizona | British Columbia | 0 | 64 261 | 0 | 3 095 177 | 0.00 | 48.17 |
| **Subtotal Exports: Arizona** | | **0** | **64 261** | **0** | **3 095 177** | **0.00** | **48.17** |
| California | British Columbia | 23 683 | 1 922 569 | 899 244 | 73 218 190 | 37.97 | 38.08 |
| **Subtotal Exports: California** | | **23 683** | **1 922 569** | **899 244** | **73 218 190** | **37.97** | **38.08** |
| Colorado | British Columbia | 0 | 6 707 | 0 | 308 192 | 0.00 | 45.95 |
| **Subtotal Exports: Colorado** | | **0** | **6 707** | **0** | **308 192** | **0.00** | **45.95** |
| Idaho | British Columbia | 0 | 626 | 0 | 28 283 | 0.00 | 45.18 |
| **Subtotal Exports: Idaho** | | **0** | **626** | **0** | **28 283** | **0.00** | **45.18** |
| Maine | New Brunswick | 187 179 | 3 043 380 | 13 189 946 | 192 667 943 | 67.66 | 61.49 |
| | Nova Scotia | 0 | 29 817 | 0 | 1 270 415 | 0.00 | 42.61 |
| | Quebec | 105 400 | 829 787 | 4 561 774 | 42 712 321 | 43.28 | 51.47 |
| **Subtotal Exports: Maine** | | **292 579** | **3 902 984** | **17 751 720** | **236 650 679** | **58.87** | **59.22** |
| Massachusetts | Quebec | 6 549 | 171 728 | 477 713 | 11 747 848 | 72.94 | 68.41 |
| **Subtotal Exports: Massachusetts** | | **6 549** | **171 728** | **477 713** | **11 747 848** | **72.94** | **68.41** |
| Michigan | Ontario | 0 | 5 664 | 0 | 135 215 | 0.00 | 23.87 |
| **Subtotal Exports: Michigan** | | **0** | **5 664** | **0** | **135 215** | **0.00** | **23.87** |
| Minnesota | British Columbia | 0 | 1 580 | 0 | 141 371 | 0.00 | 89.48 |
| | Manitoba | 0 | 75 | 0 | 1 079 | 0.00 | 14.39 |
| | Ontario | 0 | 132 232 | 0 | 5 114 276 | 0.00 | 38.68 |
| **Subtotal Exports: Minnesota** | | **0** | **133 887** | **0** | **5 256 726** | **0.00** | **39.26** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3A

## Export Sales Summary Report by Destination and Source

| Destination | Source | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$)[1] DEC02 | Revenue (CAN$)[1] JAN02 - DEC02 | CAN$/MW.h[2] DEC02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Montana** | British Columbia | 359 | 52 033 | 21 129 | 2 580 906 | 58.85 | 49.60 |
| | Saskatchewan | 0 | 70 | 0 | 1 788 | 0.00 | 25.54 |
| **Subtotal Exports: Montana** | | **359** | **52 103** | **21 129** | **2 582 694** | **58.85** | **49.57** |
| **ND/Minn** | Manitoba | 470 360 | 7 409 730 | 27 021 526 | 390 467 916 | 57.39 | 52.68 |
| **Subtotal Exports: ND/Minn** | | **470 360** | **7 409 730** | **27 021 526** | **390 467 916** | **57.39** | **52.68** |
| **Nevada** | British Columbia | 0 | 84 752 | 0 | 7 306 714 | 0.00 | 86.21 |
| **Subtotal Exports: Nevada** | | **0** | **84 752** | **0** | **7 306 714** | **0.00** | **86.21** |
| **New England** | Quebec | 0 | 2 400 | 0 | 2 076 577 | 0.00 | 865.24 |
| **Subtotal Exports: New England** | | **0** | **2 400** | **0** | **2 076 577** | **0.00** | **865.24** |
| **New Mexico** | British Columbia | 9 940 | 15 310 | 759 889 | 1 051 826 | 76.45 | 68.70 |
| **Subtotal Exports: New Mexico** | | **9 940** | **15 310** | **759 889** | **1 051 826** | **76.45** | **68.70** |
| **New York** | Ontario | 162 557 | 2 269 377 | 7 723 339 | 95 149 769 | 46.27 | 41.36 |
| | Quebec | 239 787 | 11 626 931 | 23 919 612 | 566 929 787 | 99.26 | 45.17 |
| **Subtotal Exports: New York** | | **402 344** | **13 896 308** | **31 642 951** | **662 079 556** | **77.85** | **44.55** |
| **North Dakota** | British Columbia | 0 | 42 | 0 | 2 486 | 0.00 | 59.20 |
| | Saskatchewan | 14 990 | 460 594 | 793 644 | 25 115 564 | 52.94 | 42.90 |
| **Subtotal Exports: North Dakota** | | **14 990** | **460 636** | **793 644** | **25 118 051** | **52.94** | **42.90** |
| **Oregon** | Alberta | 0 | 545 | 0 | 16 239 | 0.00 | 29.80 |
| | British Columbia | 211 490 | 1 476 489 | 8 714 049 | 51 020 391 | 41.20 | 34.56 |
| **Subtotal Exports: Oregon** | | **211 490** | **1 477 034** | **8 714 049** | **51 036 630** | **41.20** | **34.55** |
| **Pennsylvania** | British Columbia | 0 | 30 | 0 | 573 | 0.00 | 19.09 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$)[1] DEC02 | Revenue (CAN$)[1] JAN02 - DEC02 | CAN$/MW.h[2] DEC02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Pennsylvania** | Ontario | 0 | 350 | 0 | 14 789 | 0.00 | 42.25 |
| **Subtotal Exports: Pennsylvania** | | **0** | **380** | **0** | **15 362** | **0.00** | **40.43** |
| **South Dakota** | British Columbia | 0 | 363 | 0 | 10 646 | 0.00 | 29.33 |
| **Subtotal Exports: South Dakota** | | **0** | **363** | **0** | **10 646** | **0.00** | **29.33** |
| **Utah** | British Columbia | 0 | 8 800 | 0 | 593 179 | 0.00 | 67.41 |
| **Subtotal Exports: Utah** | | **0** | **8 800** | **0** | **593 179** | **0.00** | **67.41** |
| **Vermont** | Quebec | 157 259 | 2 107 784 | 16 892 326 | 212 208 646 | 44.10 | 43.21 |
| **Subtotal Exports: Vermont** | | **157 259** | **2 107 784** | **16 892 326** | **212 208 646** | **44.10** | **43.21** |
| **Virginia** | Ontario | 0 | 375 | 0 | 16 558 | 0.00 | 44.15 |
| **Subtotal Exports: Virginia** | | **0** | **375** | **0** | **16 558** | **0.00** | **44.15** |
| **Washington** | Alberta | 26 247 | 102 541 | 1 089 170 | 3 611 492 | 41.50 | 35.22 |
| | British Columbia | 579 144 | 4 281 412 | 26 243 959 | 146 750 772 | 45.32 | 34.28 |
| **Subtotal Exports: Washington** | | **605 391** | **4 383 953** | **27 333 129** | **150 362 264** | **45.15** | **34.30** |
| **Wyoming** | British Columbia | 622 | 21 187 | 49 726 | 1 496 184 | 79.95 | 70.62 |
| **Subtotal Exports: Wyoming** | | **622** | **21 187** | **49 726** | **1 496 184** | **79.95** | **70.62** |
| **Total Exports** | | **2 195 565** | **36 130 480** | **132 381 880** | **1 837 118 113** | **55.36** | **46.00** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3B
## Import Purchases Summary Report by Source and Destination



| Source | Destination | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$)[1] DEC02 | Revenue (CAN$)[1] JAN02 - DEC02 | CAN$/MW.h[2] DEC02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Illinois** | Ontario | 45 270 | 125 015 | 2 847 106 | 7 766 732 | 62.89 | 62.13 |
| **Subtotal Imports: Illinois** | | **45 270** | **125 015** | **2 847 106** | **7 766 732** | **62.89** | **62.13** |
| **Indiana** | Ontario | 0 | 810 | 0 | 102 751 | 0.00 | 126.85 |
| **Subtotal Imports: Indiana** | | **0** | **810** | **0** | **102 751** | **0.00** | **126.85** |
| **Maine** | New Brunswick | 15 | 9 121 | 193 | 380 436 | 12.72 | 41.71 |
| | Quebec | 1 463 | 182 968 | 15 848 383 | 33 531 673 | **** ** | 183.27 |
| **Subtotal Imports: Maine** | | **1 478** | **192 089** | **15 848 576** | **33 912 109** | **** ** | **176.54** |
| **Michigan** | Ontario | 107 013 | 704 487 | 6 016 995 | 36 929 522 | 56.23 | 52.42 |
| **Subtotal Imports: Michigan** | | **107 013** | **704 487** | **6 016 995** | **36 929 522** | **56.23** | **52.42** |
| **Minnesota** | Ontario | 136 465 | 236 296 | 7 564 375 | 12 470 490 | 55.43 | 52.77 |
| **Subtotal Imports: Minnesota** | | **136 465** | **236 296** | **7 564 375** | **12 470 490** | **55.43** | **52.77** |
| **Missouri** | Ontario | 0 | 136 | 0 | 5 616 | 0.00 | 41.30 |
| **Subtotal Imports: Missouri** | | **0** | **136** | **0** | **5 616** | **0.00** | **41.30** |
| **ND/Minn** | Manitoba | 348 958 | 2 142 733 | 9 672 656 | 60 677 120 | 27.72 | 28.32 |
| **Subtotal Imports: ND/Minn** | | **348 958** | **2 142 733** | **9 672 656** | **60 677 120** | **27.72** | **28.32** |
| **New York** | Ontario | 101 546 | 589 068 | 4 945 116 | 48 056 825 | 48.70 | 81.58 |
| | Quebec | 467 169 | 2 362 766 | 27 748 190 | 100 207 666 | 59.40 | 42.41 |
| **Subtotal Imports: New York** | | **568 715** | **2 951 834** | **32 693 306** | **148 264 491** | **57.49** | **50.23** |
| **North Dakota** | Saskatchewan | 104 052 | 962 686 | 3 771 593 | 31 235 374 | 36.25 | 31.98 |
| **Subtotal Imports: North Dakota** | | **104 052** | **962 686** | **3 771 593** | **31 235 374** | **36.25** | **31.98** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3B
## Import Purchases Summary Report by Source and Destination



| Source | Destination | Energy (MW.h) DEC02 | Energy (MW.h) JAN02 - DEC02 | Revenue (CAN$)[1] DEC02 | Revenue (CAN$)[1] JAN02 - DEC02 | CAN$/MW.h[2] DEC02 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Ohio | Ontario | 0 | 3 478 | 0 | 206 903 | 0.00 | 59.49 |
| **Subtotal Imports: Ohio** | | **0** | **3 478** | **0** | **206 903** | **0.00** | **59.49** |
| Oregon | Alberta | 594 | 5 466 | 36 644 | 223 025 | 61.69 | 40.80 |
| | British Columbia | 0 | 3 205 | 0 | 74 700 | 0.00 | 23.31 |
| **Subtotal Imports: Oregon** | | **594** | **8 671** | **36 644** | **297 725** | **61.69** | **34.34** |
| Pennsylvania | Ontario | 32 145 | 96 160 | 1 994 014 | 5 187 246 | 62.03 | 53.94 |
| **Subtotal Imports: Pennsylvania** | | **32 145** | **96 160** | **1 994 014** | **5 187 246** | **62.03** | **53.94** |
| Washington | Alberta | 17 546 | 409 790 | 996 777 | 13 441 489 | 56.81 | 32.80 |
| | British Columbia | 100 566 | 5 161 524 | 3 200 679 | 120 194 792 | 31.83 | 23.29 |
| **Subtotal Imports: Washington** | | **118 112** | **5 571 314** | **4 197 456** | **133 636 281** | **35.54** | **23.99** |
| **Total Imports** | | **1 462 802** | **12 995 708** | **84 642 721** | **470 692 359** | **57.86** | **36.18** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 4
## Source of Production Report [1]
## Canadian Exports

| Fuel Type | DEC02 Energy (MW.h) | Revenue (CAN$) [2] | CAN$/MW.h [2] |
|---|---|---|---|
| Canadian Coal | 8 688 | 377 957 | 43.50 |
| Hydraulic | 1 700 187 | 89 771 768 | 52.80 |
| Imported Coal | 437 | 27 125 | 62.13 |
| Imported Oil | 145 726 | 9 054 147 | 62.13 |
| Other | 140 815 | 6 631 681 | 47.09 |
| **Total** | **1 995 853** | **105 862 679** | **53.04** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | DEC02 Energy (MW.h) | DEC02 Revenue (CAN$) [2] | DEC02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **BC Hydro** | Hydraulic | Permit 105 | 0 | 24 835 | 0.00 |
| | | Permit 192 | 73 089 | 0 | 0.00 |
| | | Treaty 0 | 35 175 | 0 | 0.00 |
| | | **Subtotal** | **108 264** | **24 835** | **0.23** |
| | **Subtotal** | | **108 264** | **24 835** | **0.23** |
| **Brascan** | Hydraulic | Permit 112 | 74 309 | 5 086 316 | 68.45 |
| | | **Subtotal** | **74 309** | **5 086 316** | **68.45** |
| | **Subtotal** | | **74 309** | **5 086 316** | **68.45** |
| **Cargill-Alliant** | Other | Permit 204 | 2 928 | 67 801 | 23.16 |
| | | **Subtotal** | **2 928** | **67 801** | **23.16** |
| | **Subtotal** | | **2 928** | **67 801** | **23.16** |
| **Conectiv Energy** | Other | Permit 212 | 15 861 | 643 013 | 40.54 |
| | | **Subtotal** | **15 861** | **643 013** | **40.54** |
| | **Subtotal** | | **15 861** | **643 013** | **40.54** |
| **Coral Energy** | Other | Permit 174 | 6 628 | 307 348 | 46.37 |
| | | **Subtotal** | **6 628** | **307 348** | **46.37** |
| | **Subtotal** | | **6 628** | **307 348** | **46.37** |
| **Enmax Marketing** | Canadian Coal | Permit 169 | 7 918 | 330 112 | 41.69 |
| | | **Subtotal** | **7 918** | **330 112** | **41.69** |
| | **Subtotal** | | **7 918** | **330 112** | **41.69** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

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# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | DEC02 Energy (MW.h) | DEC02 Revenue (CAN$) [2] | DEC02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Hydro-Quebec** | Hydraulic | Licence 180 | 84 028 | 3 520 638 | 41.90 |
| | | Licence 181 | 14 860 | 622 610 | 41.90 |
| | | Licence 182 | 13 294 | 556 997 | 41.90 |
| | | Licence 183 | 20 916 | 876 347 | 41.90 |
| | | Licence 184 | 15 428 | 646 408 | 41.90 |
| | | Permit 20 | 222 | 15 825 | 71.28 |
| | | Permit 64 | 180 538 | 19 887 791 | 110.16 |
| | | **Subtotal** | **329 286** | **26 126 616** | **79.34** |
| | **Subtotal** | | **329 286** | **26 126 616** | **79.34** |
| **Manitoba Hydro** | Hydraulic | Licence 170 | 266 300 | 14 531 378 | 54.57 |
| | | Permit 45 | 16 800 | 1 462 078 | 87.03 |
| | | Permit 46 | 96 833 | 4 300 502 | 44.41 |
| | | Permit 68 | 18 211 | 697 911 | 38.32 |
| | | Permit 144 | 9 544 | 948 779 | 99.41 |
| | | Permit 155 | 18 840 | 1 401 201 | 74.37 |
| | | Permit 207 | 35 200 | 2 848 461 | 80.92 |
| | | **Subtotal** | **461 728** | **26 190 310** | **56.72** |
| | Other | Permit 144 | 8 056 | 800 855 | 99.41 |
| | | **Subtotal** | **8 056** | **800 855** | **99.41** |
| | **Subtotal** | | **469 784** | **26 991 165** | **57.45** |

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1. Source of production data filed by major exporters only.
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# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | DEC02 Energy (MW.h) | DEC02 Revenue (CAN$) [2] | DEC02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **NB Power** | Canadian Coal | Permit 47 | 166 | 10 311 | 62.13 |
| | | Permit 90 | 206 | 12 770 | 62.13 |
| | | Permit 91 | 399 | 24 764 | 62.13 |
| | | **Subtotal** | **770** | **47 845** | **62.13** |
| | Imported Coal | Permit 47 | 100 | 6 201 | 62.13 |
| | | Permit 90 | 70 | 4 366 | 62.13 |
| | | Permit 91 | 267 | 16 559 | 62.13 |
| | | **Subtotal** | **437** | **27 125** | **62.13** |
| | Imported Oil | Permit 47 | 7 079 | 439 819 | 62.13 |
| | | Permit 90 | 23 122 | 1 436 574 | 62.13 |
| | | Permit 91 | 115 525 | 7 177 755 | 62.13 |
| | | **Subtotal** | **145 726** | **9 054 147** | **62.13** |
| | Other | Permit 47 | 265 | 16 484 | 62.13 |
| | | Permit 90 | 2 027 | 125 968 | 62.13 |
| | | Permit 91 | 1 899 | 118 015 | 62.13 |
| | | **Subtotal** | **4 192** | **260 467** | **62.13** |
| | **Subtotal** | | **151 125** | **9 389 584** | **62.13** |
| **PG&E Ener. Trad** | Other | Permit 146 | 4 512 | 207 894 | 46.08 |
| | | **Subtotal** | **4 512** | **207 894** | **46.08** |
| | **Subtotal** | | **4 512** | **207 894** | **46.08** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

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# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | DEC02 Energy (MW.h) | DEC02 Revenue (CAN$) [2] | DEC02 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| Powerex Corp. | Hydraulic | Permit 118 | 689 135 | 30 351 504 | 44.04 |
| | | **Subtotal** | **689 135** | **30 351 504** | **44.04** |
| | Other | Permit 118 | 98 638 | 4 344 304 | 44.04 |
| | | **Subtotal** | **98 638** | **4 344 304** | **44.04** |
| | **Subtotal** | | **787 773** | **34 695 808** | **44.04** |
| Teck Cominco | Hydraulic | Permit 132 | 37 465 | 1 992 187 | 53.17 |
| | | **Subtotal** | **37 465** | **1 992 187** | **53.17** |
| | **Subtotal** | | **37 465** | **1 992 187** | **53.17** |
| **Total All Exporters** | | | **1 995 853** | **105 862 679** | **53.04** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.